

## Arabic Calligraphy Decoupage as A Maximalist Style in Interior

### Design: (Application with AI)

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### Abstract

Currently, there is significant interest in the latest trends in interior design, with the maximalist style dominating the scene for the past three years. This style can be brought to life using decoupage techniques to produce various designs inspired by Arabic calligraphy. This approach has led to the innovative idea of combining Arabic calligraphy—an art form with deep heritage—with contemporary design styles like maximalism. Given the rapid progress in design through artificial intelligence, we can now create a variety of designs and murals featuring Arabic calligraphy with both precision and speed using AI-assisted decoupage techniques. This is the goal of the practical study of this research. It demonstrates that technology enables innovation by facilitating the integration of the designer's ideas with traditional design elements in a way that aligns with contemporary trends.

### Keywords

Arabic Calligraphy, Decoupage, Maximalist Interior Style, AI in Interior Design.

### الملخص

يوجد حالياً اهتمام كبير بأحدث اتجاهات التصميم الداخلي، حيث يهيمن الطراز التكتيري (الماكسيماليزم) على الساحة خلال السنوات الثلاث الماضية. يمكن إحياء هذا الطراز باستخدام تقنيات الديكوباج لإنتاج تصاميم متنوعة مستوحاة من الخط العربي. وقد أدى هذا النهج إلى فكرة مبتكرة تتمثل في الجمع بين الخط العربي—وهو فن ذو تراث عميق—وأنماط التصميم المعاصرة مثل التكتيرية. وبالنظر إلى التقدم السريع في التصميم من خلال الذكاء الاصطناعي، أصبح بإمكاننا الآن إنشاء مجموعة متنوعة من التصاميم والجداريات التي تتميز بالخط العربي بدقة وسرعة باستخدام تقنيات الديكوباج المدعومة بالذكاء الاصطناعي. هذا هو هدف الدراسة العملية لهذا البحث، حيث توضح أن التكنولوجيا تُمكن من الابتكار من خلال تسهيل دمج أفكار المصمم مع العناصر التقليدية للتصميم بطريقة تتماشى مع الاتجاهات المعاصرة. يضيف الخط العربي تبايناً راقياً لهذه العناصر، مما يعزز التعقيد البصري وعمق التصميم. تتيح تقنية الديكوباج دمج الرموز الثقافية والأنماط التقليدية، مما يضيف لمسة شخصية ومعبرة على التصميم. إن الجمع بين الديكوباج بالخط العربي والطراز التكتيري، المدعوم بالذكاء الاصطناعي، يوفر نهجاً تحويلياً في تصميم الديكور الداخلي، كما تُمكن أدوات التصميم بالذكاء الاصطناعي من ابتكار مفاهيم تصميم متنوعة وخالقة، تجمع بين الجمال الزخرفي للخط العربي والأناقة الفاخرة للطراز التكتيري.

### الكلمات المفتاحية

. الخط العربي، الديكوباج، الطراز التكتيري في التصميم الداخلي، الذكاء الاصطناعي في تصميم الديكور الداخلي.

## Research Problem

The lack of Arab identity and heritage in choosing contemporary interior design styles that are currently trending, such as maximalism. There is also a pressing need for innovation, especially with the availability of tools like artificial intelligence. This research proposes the integration of decoupage techniques with Arabic calligraphy and the contemporary maximalist style, utilizing AI to create designs that preserve cultural identity while aligning with current trends.

## Research Objective

- Investigate how traditional Arabic calligraphy can be effectively integrated with the contemporary maximalist style in interior design, utilizing decoupage techniques and artificial intelligence.
- Discussing the role of artificial intelligence in enhancing the application of decoupage techniques for creating innovative interior design solutions that reflect Arabic heritage and meet current trends.
- To create practical design models using AI-assisted decoupage techniques that successfully merge traditional Arabic elements with modern maximalist aesthetics.

## Research Methods

Analytical Approach:

To understand existing research and theoretical frameworks related to maximalist in interior design, Arabic calligraphy, and the application of AI in design.

Projects Analysis / Case Studies: To analyze successful examples of integrating traditional and contemporary design elements.

Practical Application: To explore the capabilities of AI in enhancing design processes.

## Research Limits

- Restrict the study to contemporary trends and design practices within a defined timeframe, such as the past five years.
- Concentrate on specific AI tools and decoupage techniques currently available and widely used.

## Research Outline

- Maximalism as an interior design new trend.
- Decoupage Techniques overview and application in interior design.
- Discussion of the Integration of Arabic Calligraphy and Maximalist Design.
- Arabic Calligraphy Decoupage as A Maximalist Style Element.
- AI tools and their applications in interior design.
- The practical project.

## Research Approach

- Explore examples of maximalist spaces incorporating diverse textures, colors, and ornamental details as current trend.
- Develop a framework for integrating traditional and contemporary elements.
- Analyze how AI technologies can facilitate the creation and customization of Arabic calligraphy decoupage designs in interior settings.
- Implementing the integration of traditional and contemporary design elements using advanced technologies.

## Introduction

The need for innovation through new ideas has become essential to keep up with the developments in the field of interior design. In recent years, the focus on trends and contemporary methods is what equally concerns both designers and clients. The maximalist style has numerous applications in interior design, but we can use decoupage techniques to create contemporary designs that follow this style while preserving identity and reviving heritage using Arabic calligraphy. With the aid of artificial intelligence, new possibilities have emerged, enabling greater innovation, and simplifying the development of interior design solutions that effectively integrate traditional heritage, such as Arabic calligraphy and decoupage, with modern styles like maximalist. "This is what the research will address through study and analysis, along with presenting practical examples."

## First: Maximalist as an interior design new trend




### Recognize maximalist style.

Interior maximalist style embraces bold and eclectic design by celebrating a mix of colors, textures, and patterns. It thrives on layering elements, incorporating unique art, and paying attention to every detail. The goal is to create a vibrant and personalized environment that feels richly. Consider every space, each surface, and all minor details. nothing is too small to be considered in the world of interior maximalism. Unique and interesting elements are keys to figuring out how you want to design your space. From there, you can pull out the colors, textures, and motifs from this singular piece of art to let it inspire the rest of the room. A well-selected piece of art makes a room come alive with individuality and personal style.<sup>i</sup>

### - Essential Elements of Maximalist Interior Design

- Bold colors
- Bright wallpaper
- Mixed patterns with contrasting motifs, like animal print, geometric shapes, or florals.
- Mixed materials including wallpaper, tile, carpet, and paint.
- Ornate accents, like chandeliers.
- Layered fabrics.
- Statement pieces<sup>i</sup>

**Table (1) shows examples of Maximalist Interior Design elements.**

Maximalist Element	Example in interior design
<p><b>Bold colors</b></p>	 <p><a href="https://stock.adobe.com/images/living-room-interior-design-idea-a-maximalist-interior-concept-with-bold-summer-colours-in-vintage-style-generative-ai/558864310">https://stock.adobe.com/images/living-room-interior-design-idea-a-maximalist-interior-concept-with-bold-summer-colours-in-vintage-style-generative-ai/558864310</a></p>
<p><b>Bright wallpaper</b></p>	 <p><a href="https://www.hgtv.ca/maximalist-design-what-to-know/">https://www.hgtv.ca/maximalist-design-what-to-know/</a></p>
<p><b>Mixed patterns</b></p>	 <p><a href="https://www.fireclaytile.com/blog/full/3-maximalist-design-questions-answered-2/8/2024">https://www.fireclaytile.com/blog/full/3-maximalist-design-questions-answered-2/8/2024</a></p>

<p>Ornate accents</p>	 <p><a href="https://illustrarch.com/interior-design/27935-minimalist-interior-compare-to-maximalist-interior-design.html">https://illustrarch.com/interior-design/27935-minimalist-interior-compare-to-maximalist-interior-design.html</a> 7/8/2024</p>
<p>Layered fabrics</p>	 <p><a href="https://i.pinimg.com/originals/16/7b/50/167b504f47ea81c2596ba47cfba64a85.jpg">https://i.pinimg.com/originals/16/7b/50/167b504f47ea81c2596ba47cfba64a85.jpg</a> 7/8/2024</p>
<p>Statement pieces</p>	 <p><a href="https://www.lavenderandlaurelhome.com/post/make-a-statement-with-maximalism-5-bold-interior-design-elements">https://www.lavenderandlaurelhome.com/post/make-a-statement-with-maximalism-5-bold-interior-design-elements</a></p>

Table (1). Examples of Elements in Maximalist Interior Design.<sup>1</sup>

## Application of maximalist in interior design and furniture

### - Maximalist Interior Patterns and Printed Textile

Maximalist style is mixing vintage with modern, incorporating bold prints and patterns, and using a variety of textures and materials to create depth. For example, figure (2) shows a maximalist wallpaper which aims to create the wow factor to be free and open about the things we love, using printed textile of birds, flowers, or multi-color art.



Figure 1- Example of Maximalist Interiors mix and match the wallpaper and patterns.<sup>v</sup>

Figure (2) shows example of Maximalist Interiors pattern by adding vibrant contemporary rugs, mixing, and matching different styles, shapes, and textures. The excess that Maximalism promotes is a curated selection of complementing pieces, mixed patterns, textures, and colors all in the right amount.



Figure 2- Example of Maximalist Interiors pattern, Bubbles Rug and Matisse Rug.<sup>v</sup>

### **- Maximalist Furniture**

In terms of furniture, achieving a maximalist aesthetic is all about big, rounded lines and bold colors: Think the 70s furniture, but less frantic. Maximalist furniture makes a statement in every room with bold patterns, intense colors, oversized shapes, and charismatic silhouettes. Maximalism relies on color coordination and a keen design eye—far more than minimalism: After all, anyone can find a decorative pillow to match a beige couch. For best effect, we're seeing a maximum of two main "base" colors combined with two contrasting accent colors.<sup>v</sup> Examples: figures (3,4,5) show different types of maximalist furniture



Figure 3- Dresser Credenza console, French Provincial stripes custom furniture hand painted.<sup>v</sup>



Figure 4- Handmade Floral Printed Blue Round Coffee table.<sup>i</sup>



Figure 5- Bohemian chairs with bold patterns.<sup>x</sup>

## Second: Decoupage Techniques overview and Application in Interior Design.

### What is Decoupage Art Technique?

Decoupage is often defined as a work of hand and includes placing a picture on a subject to be used in interior design. The process of the decoupage begins with a picture pasted on a subject ,then more copies of the picture are added ,to the extent that the main setting is entirely covered and profound connotation of the picture is exposed. The final picture is often protected by a coat of varnish or other similar substances.<sup>x</sup>

Decoupage is a method of laminating paper to surfaces. It was first used to decorate furniture and is a very simple craft technique based on the cut-and-paste concept.it will work on just about any surface like glass, wood, plastic, metal, leather, paper, and fabrics. <sup>x</sup>

### Decoupage Applications in Interior Design

Table (2) shows the difference between the decoupage papers and its usage in interior elements.

Types of decoupage paper	
Napkins	Example
<p>-The most delicate type of paper and are the most likely to tear and crinkle.</p> <p>-Give a beautiful traditional decoupage finish.</p> <p>-Great for decoupage smaller décor items and larger pieces of furniture.</p>	 <p><a href="https://www.amazon.com/Colored-Napkins-Shabby-Wedding-porcelain/dp/B07DT9B637">https://www.amazon.com/Colored-Napkins-Shabby-Wedding-porcelain/dp/B07DT9B637</a></p>
Rice Papers	Example
<p>-There are a lot of vibrant designs that could be used as a whole piece.</p> <p>-Stronger than the napkins and have been designed for decoupage. You can also use these on smaller décor items or on furniture.</p>	 <p><a href="https://wegaelite.com/en/rice-paper/4079-decoupage-rice-paper-r00721-a3.html">https://wegaelite.com/en/rice-paper/4079-decoupage-rice-paper-r00721-a3.html</a></p>
Mulberry papers	Example
<p>- The strongest decoupage papers that we stock and feel more like a fabric.</p> <p>- perfect for hardwearing surfaces like tabletops, as they dry very hard when sealed with a few coats of lacquer.</p>	 <p><a href="https://woodsidesstudio.co.nz/collections/redesign-mulberry-paper/products/magical-floral-redesign-a1-mulberry-paper">https://woodsidesstudio.co.nz/collections/redesign-mulberry-paper/products/magical-floral-redesign-a1-mulberry-paper</a></p>
Mint papers	Example
<p>-Are designed specifically for furniture.</p> <p>- stronger than a napkin. However, you do need to be gentle with them as they can tear.</p>	 <p><a href="https://chalkpaint.co.za/product/rhs-decoupage-paper-mint/">https://chalkpaint.co.za/product/rhs-decoupage-paper-mint/</a></p>

Table (2) the difference between the decoupage papers.<sup>x</sup>



## - Decoupage Wallpaper

Decoupage wallpaper involves applying cut-out images or patterns to a surface using a layering technique. Layers of paper that create a visually rich, textured effect. The patterns can include anything from vintage motifs and botanical prints to modern abstract designs. It offers a unique, artistic appearance that sets it apart from traditional wallpaper. The layering and textures can add depth and character to a room. For example, figure (6) shows Hand-painted decoupage wallpaper, inspired by the bedroom of the 18<sup>th</sup> century Swedish botanist Carl Linnaeus.



Figure 6- Hand-painted decoupage wallpaper.<sup>x</sup>

## - Decoupage Furniture

Decoupage has a unique appearance which adds a distinctive, personalized touch to furniture. Each piece can be customized with different patterns, colors, and themes. Applying bold geometric patterns or abstract designs for a contemporary style that can be a budget-friendly way to transform old or plain furniture into a statement piece. For example, figure (7) shows a traditional mahogany wine table, we used tropical napkins to cover the entire piece.



Figure 7-Tropical Decoupage Wine Table.<sup>x</sup>

## - Decoupage on Fabrics

It is a creative technique where decorative paper or other materials are applied to fabric surfaces to add unique patterns and designs. Transform cushions, upholstery, or curtains with unique patterns. For example, figure (8) decoupage on fabric pillow to customize fabric with patterns related to specific themes, such as nautical or floral.

Figure 8- Decorative pillows, Decoupage on Fabric.<sup>x</sup>

### 2-3 Using decoupage to achieve maximalist.

Decoupage can elevate maximalism in innovative ways, allowing to create vibrant, eye-catching spaces. There are many examples of Applications, revitalize old furniture with bold decoupage designs on pieces like sofas or tables. Or create a standout wall feature with custom decoupage wallpaper. Either update cushions or curtains with colorful decoupage patterns. Figure (9,10) show applications of decoupage papers and fabrics with bold colors and various patterns as a maximalist interior style.

Figure 9-Super bold patchwork entry made with fabric remnants.<sup>x</sup>Figure 10- Decoupage Cabinet covers with collage pieces, paper, fabric, scrapbook paper.<sup>x</sup>

### Third: Arabic Calligraphy in Interior Design

#### -Arabic Calligraphy Applications

Islamic calligraphy, which is the art of writing Arabic script, is a key feature of Islamic art and architecture. Calligraphy may be used to decorate walls, screens, and other interior surfaces, and may be rendered in a variety of styles, from bold and graphic to delicate and ornate.<sup>x</sup>

Figure (11) shows different types commonly used of Arabic calligraphy.

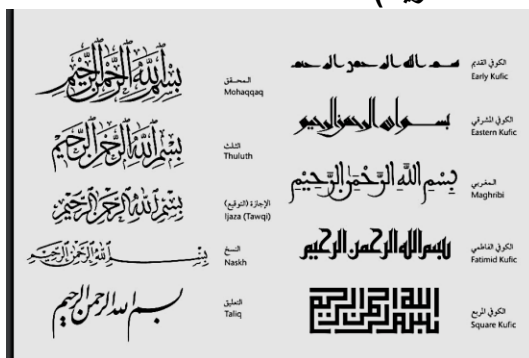


Figure 11- Types of Arabic Calligraphy.<sup>x</sup>

One of the remarkable aspects of Arabic calligraphy is its versatility. It can be adapted to suit any interior design style, from traditional to contemporary. As figure (12) shows, that it is used as a focal point which added a timeless and sophisticated touch to any space.<sup>x</sup>

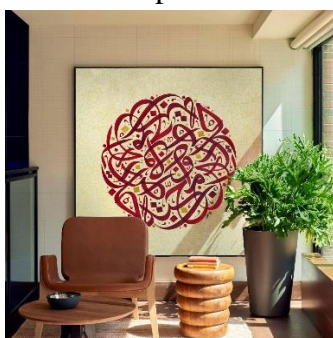


Figure 12- Arabic calligraphy, Love & Devotion, On canvases art, hand applied gold ink and paints.<sup>x</sup>

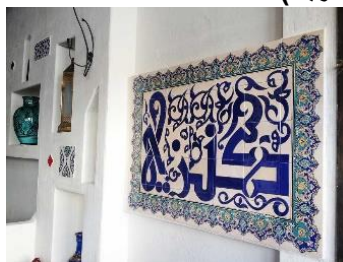
Arabic calligraphy and Arabic decorations can be used in the design of walls, floors, furniture, curtains, and pillows to give the place an atmosphere of beauty and luxury. Arabic calligraphy can be used in designing paintings and antiques.<sup>x</sup>

Arabic calligraphy wallpapers figure (13), the design of the letters and inscriptions reflects the Arab cultural heritage in a wonderful manner, as it harmoniously combines Arabic art and modern design. Rich colors include deep vibrant hues such as gold, brown, and green, which enhance the elegance and impact of the calligraphy.



Figure 13- Arabic calligraphy interior wallpapers Examples.<sup>x</sup>

One of the reasons why Arabic calligraphy is so popular in-home decor is because it can be used to create a unique and personalized atmosphere that reflects the owner's individuality. As figure (14) shows, Arabic decorations can be used in designing mosaics and Islamic motifs.

Figure 14- Arabic calligraphy, (Kenzie), Mosaic art. <sup>x</sup>

The choice of calligraphy fonts plays a significant role in complementing the overall interior design theme. Showcase calligraphic artwork through wall hangings, framed canvases, or decals. Modern calligraphy styles that are legible yet aesthetically pleasing. Materials such as canvas, wood, metal, or acrylic create diverse textures and add depth to the artwork. <sup>x</sup>

-Furniture design with Arabic calligraphy has different applications:

- Integrate calligraphy into tabletops or sides for both functionality and decoration.
- Add engraved or inlaid calligraphy to doors or panels as a focal point.
- Cover chairs or sofas with Arabic calligraphy fabrics or accent wooden frames with calligraphic designs. <sup>x</sup>

For example, Kashida's bespoke furniture line uses premium wood, metal, and marble materials to create iconic pieces home furniture based on Arabic calligraphy. Figure (15) shows iconic armchair features a beautiful phrase that translates to 'He who has hope, has everything', free-flowing Arabic calligraphy.

Figure 15- Amal Cubic Armchair. <sup>x</sup>

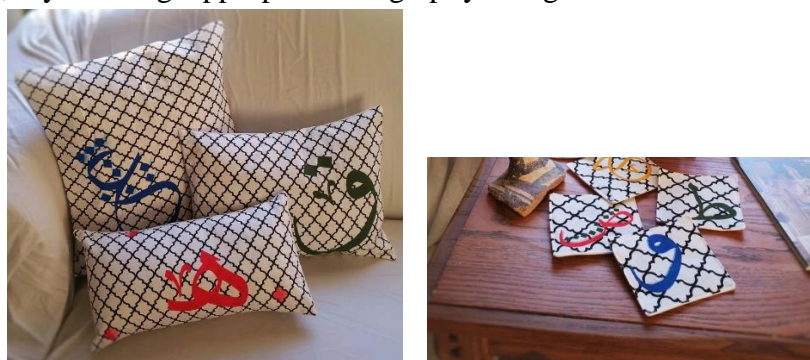
## The Integration of Arabic Calligraphy and Maximalist Design

Using Arabic calligraphy wallpaper with enlarged text, bold contrasting colors, and various textures and materials can achieve a maximalist style. Furniture and accessories can also feature Arabic calligraphy in layered designs and a blend of modern and traditional styles to create a maximalist space with unique touches. For example, Figure (16) shows examples of Arabic calligraphy wallpaper that can be used to achieve a maximalist style.

Figure 16- Arabic calligraphy wallpapers with maximalist style.<sup>x</sup>

### Arabic Calligraphy Decoupage as A Maximalist Style Element

Incorporating Arabic calligraphy through decoupage offers a creative and adaptable approach to blending cultural heritage with modern design. While there are challenges, such as ensuring durability and maintaining design integrity, the results can be highly rewarding, producing unique and meaningful decor elements that enhance any space. Applying Arabic calligraphy decoupage to furniture pieces such as tables, cabinets, and chairs to create standout focal points and incorporate cultural elements. Use decoupage for feature walls with calligraphic designs to add elegance. Extend this style to home decor items like picture frames and lamps for a cohesive and thematic style. Arabic calligraphy decoupage on fabrics, such as cushions, involves applying decorative Arabic script to textiles using decoupage techniques as figure (17) shows, for various interior styles, from traditional to contemporary, by selecting appropriate calligraphy designs and colors.

Figure 17- Decorative Pillows with Arabic calligraphy decoupage.<sup>x</sup>

### Fourth: The Role of AI in interior Design Innovation.

AI can analyze color psychology and design trends to help professionals and clients choose color palettes and materials that align with the desired aesthetic. AI tools in Interior Design have proven their worth. This ensures a more informed selection and the creation of visually appealing environments. AI helps optimize material usage and suggests eco-friendly options, promoting sustainable practices. AI allows experimentation with unconventional ideas and concepts, leading to creative and unique outcomes, it enables designers to create innovative, tailored, and functional spaces that meet evolving client needs and market trends.<sup>x</sup>

AI tools generate high-quality, realistic visualizations of designs, allowing clients and designers to see and adjust concepts before implementation. AI tools adapt designs to emerging trends, ensuring modern and up-to-date aesthetics. AI can generate mood boards, color palettes, and material suggestions, reducing manual effort. AI-powered chatbots, like ChatGPT, can handle routine communication tasks, such as answering frequently asked questions or scheduling appointments, freeing designers to focus on more important tasks. AI-powered project management tools can help designers track deadlines, budgets, and other essential details.<sup>x</sup> It is important to note that they cannot completely replace the expertise of an experienced designer. The combination of Artificial Intelligence tools and the expertise of an experienced designer can offer the best of both worlds.

## Fifth: The Practical Application

**Create A Maximalist-Style Living Room with Arabic Calligraphy decoupage features using various AI tools.**

**Maximalist Style** is characterized by a rich mix of patterns, colors, textures, and eclectic décor elements. Incorporating **Arabic calligraphy Decoupage** into the design can be achieved through wallpaper, furniture, and accessories.

### The first step is Creating the Design:

- **Wallpaper:** Use AI tools to select wallpaper designs featuring Arabic calligraphy with bold colors.
- **Furniture:** Choose or design furniture pieces with Arabic calligraphy decoupage technique.
- **Accessories:** choose accessories such as rugs, cushions, and artwork that feature Arabic calligraphy. Use AI to find or create designs that align with the maximalist style, such as vibrant colors and complex patterns.

### The second step is Use AI Tools for Design and Visualization:

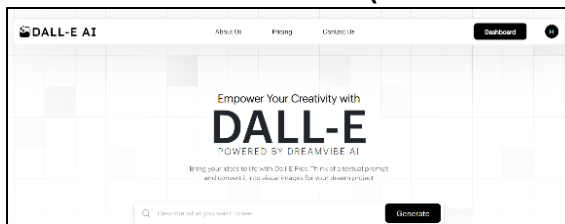
1 - I used Pinterest to collect design ideas and let AI tools recommend similar styles.



Then I have decided to try multiple AI tools that feature an icon or option for design by AI with no actual intervention from me as a designer, which is the latest trend in the field of interior design. And these programs are:

- DALL-E AI
- Dall. E ChatGPT
- Designsens AI
- Prome AI

2 - I choose AI Tool (DALL-E AI)



**Prompt Text:** Living room, maximalist style, Arabic calligraphy decoupage furniture.

The tool generated the following results. I classified the results into categories:

- Acceptable.      -Good.
- Satisfactory.    -Uncomfortable.

Table (3) shows AI results and my personal analysis.

**Result 1**



-Large calligraphy, mixed textures. Simple, elegant furniture with Layered fabrics. (Acceptable)

**Result 2**



- Furniture is ornate with calligraphy, matching colors, mixed materials. (Good)

Result 3

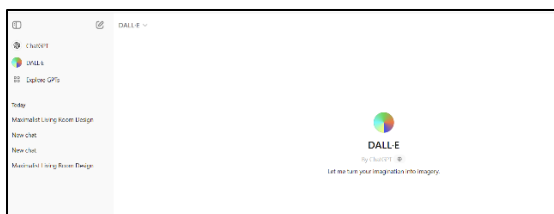


- Overly extravagant calligraphy, matching colors,  
Rich textures. (Uncomfortable)

Table 3- The Researcher Analysis for Tool (DALL-E AI) Design Results.<sup>x</sup>

<https://www.dall-e-free.com/user/image-generator>

3- I chose another AI tool (Dall. E ChatGPT) for more results.



**Prompt Text:** Create image about living room, maximalist style, Arabic calligraphy decoupage furniture.

As shown in Table 4, the tool generated the following results:

Result 1



- Closely related patterns and classic crowded furniture  
with harmony in color shades, layered fabrics.

(Acceptable)

Result 2



- Overcrowded elements, classic, Heavy use of calligraphy,  
cluttered of colors and patterns. (Uncomfortable)

Table 4- The Researcher Analysis for Tool (Dall. E ChatGPT) Design Results.<sup>x</sup>

<https://chatgpt.com/g/g-2fkFE8rbu-dall-e/c/548f0761-8c1e-4d0a-be0f-a4bcade92b84>



4- I chose AI tool (Designsense AI) to change space style to maximalist style by using image for modern living room.



Text: Living room, maximalist style, Arabic calligraphy decoupage furniture.

#### Before and After



The result is simple modern, contrast pallet, matching patterns, poor use of calligraphy ((Acceptable)

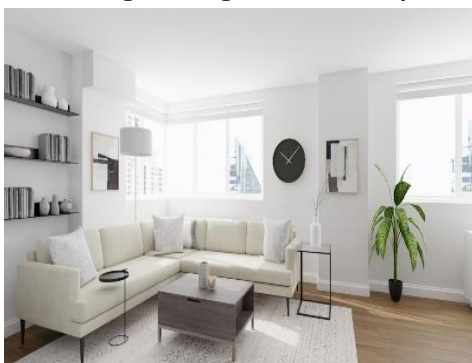
<https://www.designsense.ai/render-interior>

5- I chose another AI tool (Prom AI) for more accurate results that closely match the project concept, this tool allows to upload an image of the space I want to design, provide a detailed description of the idea I have in mind, and upload reference images to achieve the best results.



At first, I uploaded the picture with modern style and text (living room with maximalist style, Arabic calligraphy wallpaper, decoupage furniture), then I uploaded reference image for color pallet. As shown in Table (5), the results are:

The original image with modern style



Result 1



- Bold colors walls, mixed materials, poor use of calligraphy, intricate patterns. (Uncomfortable)

Result 2



- Harmony colors ,simple furniture with calligraphy , elegant, subtle, and refined. (Acceptable)

Result 3



- Bold colors with contrast, varied textures, good use of decoupage calligraphy, layered fabrics. (Satisfactory)

Table 5- The Researcher Analysis for Tool (Prom AI) Design Results.

<https://www.promai.pro/blender/living%20room?searchType=1>

The next step, I changed the image, and uploaded another one with maximalist style in grayscale mode and change the text to: Living room with maximalist style, Arabic

calligraphy wallpaper, classic decoupage furniture. For more varieties, then I uploaded reference image for color pallet. As shown in Table 6, the results are:

**The original image with maximalist style**



**Result 1**



- Harmony colors, modern, simple, elegant, varied materials and textures, good use for calligraphy. (Acceptable)

**Result 2**



- Bold colors, the furniture ornate with calligraphy, modern, mixed textures. (Satisfactory)

**Result 3**



- Bold colors, good use for motifs and calligraphy, classic furniture with elegant pattern. (Good)

Result 4



- Harmony colors, mixed patterns, layered fabrics, classic furniture with calligraphy decoupage, elegant accessories  
(Satisfactory)

Result 5



- Classic elegance with muted shades, rich textures, simple furniture with calligraphy decoupage. (Satisfactory)

Result 6



- Harmony colors, decoupage on furniture and fabrics, classic and elegant, heavy use of calligraphy. (Good)

Result 7



- Bold colors, mixed textures, classic and elegant furniture, layered fabrics, calligraphy decoupage on textile.  
(Satisfactory)

Table 6- The Researcher Analysis for Tool (Prome AI) Design Results.<sup>x</sup>

<https://www.promeai.pro/blender/living%20room?searchType=1>

By using these AI tools, I effectively visualized and created a living room that embodies the richness of maximalist design with the elegance and intricacy of Arabic calligraphy decoupage.

### **-The results of using AI tools are:**

Designing with AI tools considered a unique experience with unexpected results for me as an interior designer.

**The good side is:** Achieving the right design concept; traditionally it could take dozens of manual sketches. I was impressed by the speed and ease with which practical application of the research idea was achieved. This required studying and connecting various topics such as maximalism, decoupage, and Arabic calligraphy. With just a touch of a button, the tool provides numerous innovative design concepts based on simple input, and without the designer's direct intervention. These results are astonishing and save both time and effort.

**On the other hand,** there are criticisms that need to be considered. The results of using AI tools can be useful and impressive to amateurs, but for professional interior designers, the results are not sufficient and serve merely as a guide for testing a large range of ideas while saving time and effort. These tools are also useful for illustrating the concept to clients who may have difficulty imagining the final design. However, there is the practical aspect which requires the intervention of an experienced designer to make appropriate adjustments. This is what I personally faced because of the experience, as most designs, from my point of view as a professional, are not feasible without modifications, additions, and deletions of several elements, considering general taste, application methods, and budget. These are considerations that AI does not address, as it is just a tool that needs a conscious designer.

## **Results and discussion**

- Maximalist style is a popular trend with wide applications in interior design and furniture.
- Designers can achieve a harmonious and personalized aesthetic that celebrates both tradition and contemporary trends by Integrating Arabic calligraphy with maximalist design.
- Incorporating Arabic calligraphy decoupage into interior elements creates a dynamic and culturally enriched design approach.
- AI tools generated a variety of design concepts that effectively incorporate Arabic calligraphy decoupage into maximalist interiors.

### **Conclusions**

This research study and its applications conclude that maximalism features bold colors, diverse patterns, and an array of textures. Arabic calligraphy adds a refined contrast to these elements, enhancing the visual complexity and depth of the design. Decoupage technique facilitates the integration of cultural motifs and traditional patterns, adding a personal and meaningful touch to the design. The combination of Arabic calligraphy decoupage with maximalist design, facilitated by AI, offers a transformative approach to interior design. This integration creates spaces that are not only visually impressive but also rich in cultural significance. AI design tools enable the creation of diverse and imaginative design concepts, merging the ornate beauty of Arabic calligraphy with the opulent aesthetics of maximalism.

## Recommendation

- We recommend designers to respect Calligraphy and ensure that the use of Arabic calligraphy in designs is respectful and culturally appropriate especially in furniture design.
- We recommend designers to use multiple AI design tools to explore a wide range of styles and techniques for integrating Arabic calligraphy decoupage into maximalist interiors.
- Use AI to make iterative adjustments based on client feedback, refining designs to achieve the desired aesthetic and functionality.
- Avoid overcrowding while incorporating maximalist elements, that may detract from the elegance of the Arabic calligraphy.

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The researcher design and analysis.<sup>x</sup>

The researcher design and analysis.<sup>x</sup>