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## Grid

- Grids are a layout system that helps create visually appealing and clear user interfaces by organizing content in a design. They help with design decisions, direct the arrangement of elements, and improve the user experience in general. For a user to be able to navigate a website and find what they need, they must design a positive user experience.
- **The following are best practices for using grids:**
  - align containers inside the grid borders
  - align similar elements with similar alignments
  - maintain vertical rhythm; align elements on both axes
  - align similar elements on both axes; use independent width for containers
  - align navigational elements consistently
  - place related elements in close proximity
  - keep the content inside columns; and adjust the size of your containers rather than the grid.



- Maintaining consistent alignment strengthens the structure of your design and gives it an overall professional look.

## Icons

- Icons play an essential function in user interfaces, which are used to convey concepts, actions, and objects. They are employed for expressing the main concept and goal. The user should be able to accomplish their goals with their assistance without having to exert extra effort.
- **Best practices to use icons:**
  - Icons should be clear and simple
  - Make sure icons express what they are supposed to.
  - Keep the style of your icon set constant.
  - Make icons appropriate for the situation.

- Icons should be made to function at different sizes.
- Maintain the elements' balance and alignment.
- For readability, test icons at smaller sizes.
- Make thoughtful color choices for accessibility.
- Make good use of the negative space.
- Create a hierarchy for icon sets.
- Keep the stroke width constant.
- Get user input and make design iterations.
- Observe platform-specific design specifications.

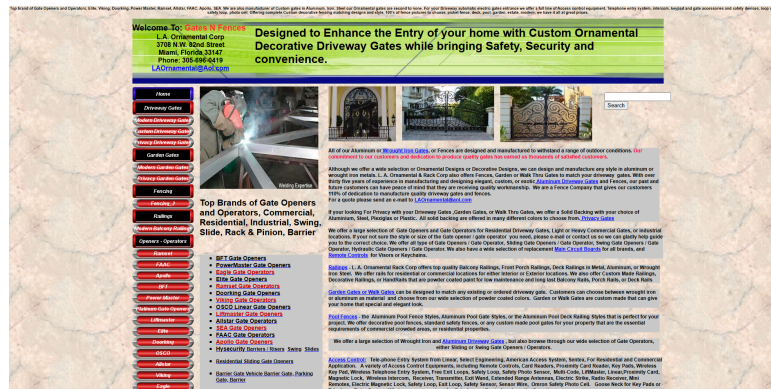


- This icon is straightforward and simple enough for a user to identify.

## Typography

- In web design, typography is crucial for branding, hierarchy, and readability. While thoughtful selections direct attention and convey a site's personality, legible fonts help with comprehension. A website with poor typography may be difficult to use and its content may be difficult to read. On the other hand, well-designed typography can make people happy.
- **The following are best practices for typography:**
  - Use No More Than Three Typefaces
  - Standard Fonts Are Better Than Decorative Ones
  - Contrasting Font Pair
  - Use Left Alignment
  - Line Length
  - Balance Line Height, Size and Line Length
  - Divide Text Into Paragraphs
  - Create a Visual Hierarchy

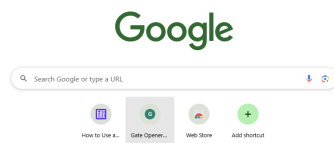
- Follow the Rule of Proximity
- Do Not Deform or Stretch Text
- Follow the Rules of Grammar
- Do Not Use Caps Lock
- Free Space Is Not Emptiness



- One thing that we need to consider is the size we use for our fonts, like this website where the text is very small and barely readable.

## Search Bar

- A search bar improves navigation and user experience by making it possible for users to locate particular products or information quickly and effectively. Instead of navigating through several pages, users can use specific keywords to find the information or product they're looking for.
- **The following are best practices for Search bar:**
  - Make it Noticeable — Display Prominently at an Expected Spot
  - Add Visual Cues — Place Icons or Search Buttons
  - Design a Search Bar with Placeholder Text
  - Opt for Simple Designs with Search Filters
  - Include Auto-Filled Queries for the Best Search Bar Designs
  - Incorporate Search Bar options on Every Page
  - Make the Field Size Large
  - Adapt a Mobile-Friendly Approach



- The search bar is easily navigable, and it would not confuse a user.

### Consistency

- They are important components of a webpage that serve as indicators for the user to follow. If there isn't a clear call to action (CTA), users might not know how to buy a product or subscribe to a newsletter and are more likely to abandon the website before completing their task.
- **The following are best practices for Search bar::**
  - Good design
  - High visibility
  - Clear benefit
  - Short in length
  - Sense of urgency

### References:

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