

Easy tips to make it easier to use

Grids in UI Design



ui.martin

Grids are one of the essential elements of any project.

They make it possible to create aesthetics and coherence, thanks to the possibility of organizing interface elements according to a specific layout.

In this post, you will find some tips for grids.

Benefits of using grids



Transparency & consistency

Grids build the layout of the interface, thanks to which they enforce consistency in placing elements. In addition, a well-created mesh ensures better and easier scanning of components on the screen, which contributes to a positive user experience.



Easier to create responsiveness

Nowadays, responsive digital designs are essential! Using grids provides a consistent layout across multiple devices with different screen sizes.



Faster design process

Grids provide designers with guidelines for proportions between elements, such as spacing and margins, which speed up work and reduce the possibility of mistake.



Easier collaboration

The grids facilitate the work of both designers and programmers. Thanks to a common layout plan or guidelines for spacing and margins, work is coherent and more integrated.

Basic grid terminology

Before we start working with the mesh, it is worth getting to know the terminology of its elements to find out what they are, what they are responsible for, and how to use them.



Device dimensions

Think about the device for which you are creating the project to check how its screen works and find out about possible limitations. Here you will find the three most popular screen resolutions.

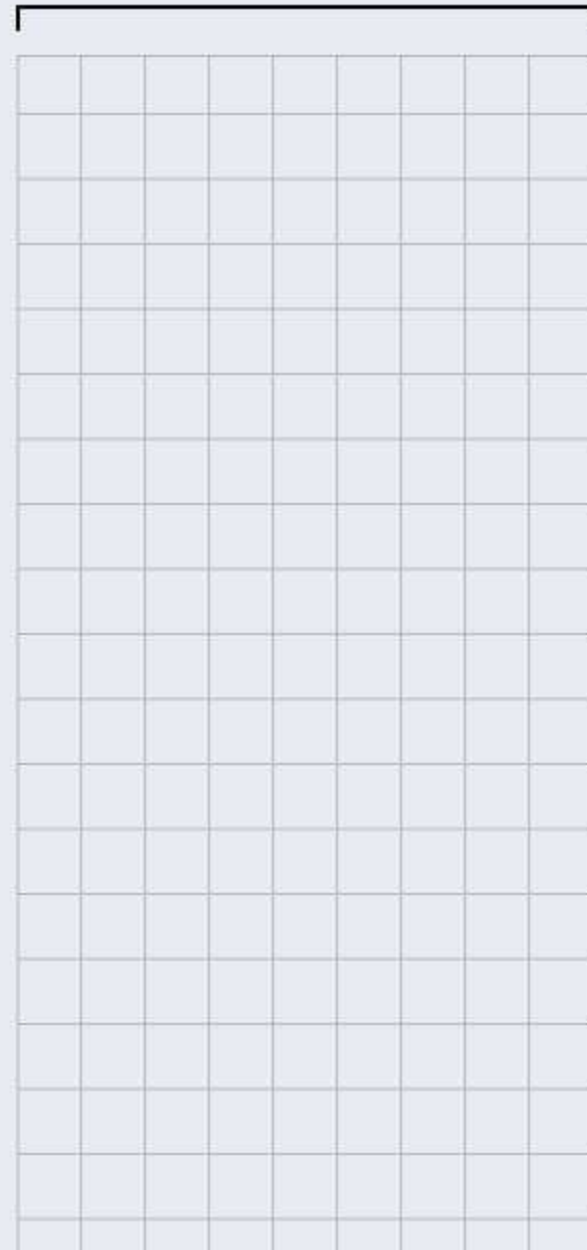
Desktop

1440x1024



Tablet

768x1024



Mobile

320x640



Number of columns

The number of columns used in the grid structure depends on us and the needs of our project. However, if you want to use the most popular grid structures, below you will find types of meshes for various devices.

12 columns



8 columns

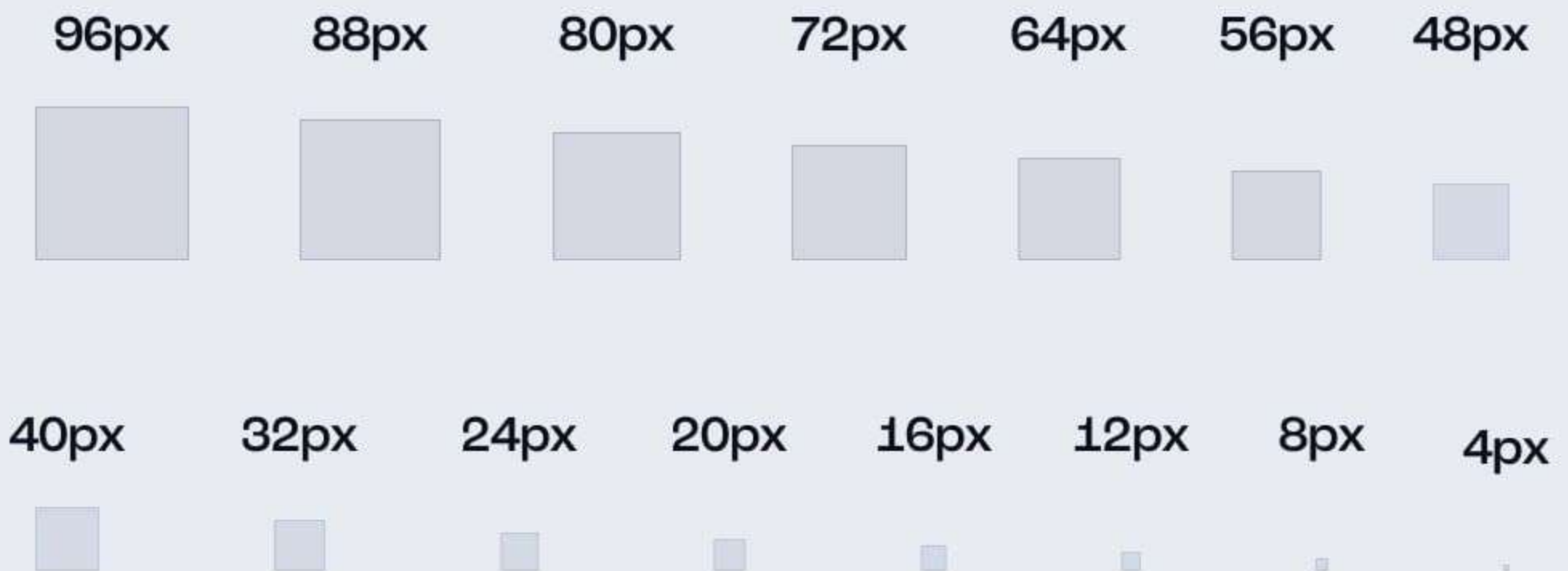


4 columns



4pt grid system

Grid structure and interface elements built to a specific scale are easier to scale and also bring order to the design. 8pt or 4pt grid systems are the most commonly used types of grids (4pt gives us more flexibility when designing)



Soft vs Hard grid

When designing, we can use the standard grid model, which consists only of vertical columns, or create a more advanced grid by adding baselines to it, which helps to arrange the content in the project and ensure the consistency of elements.

