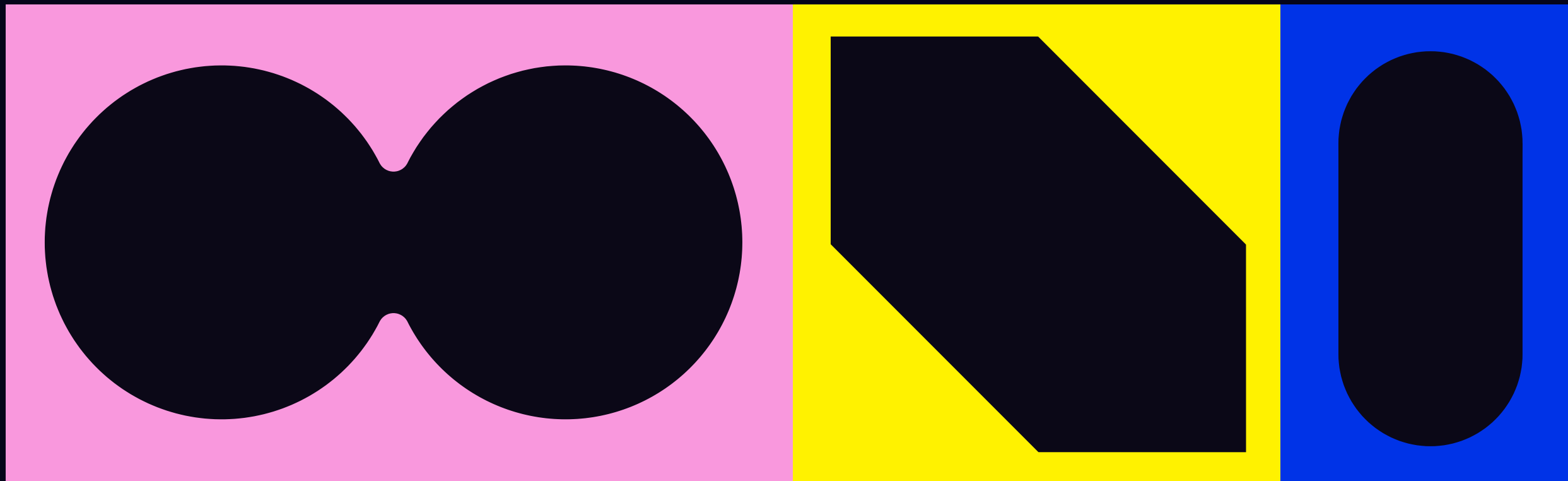




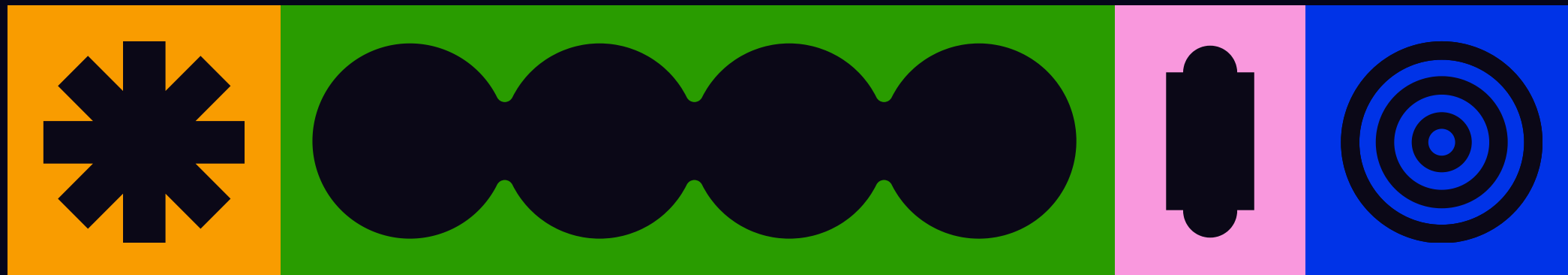
Shapes & Frames



Agenda

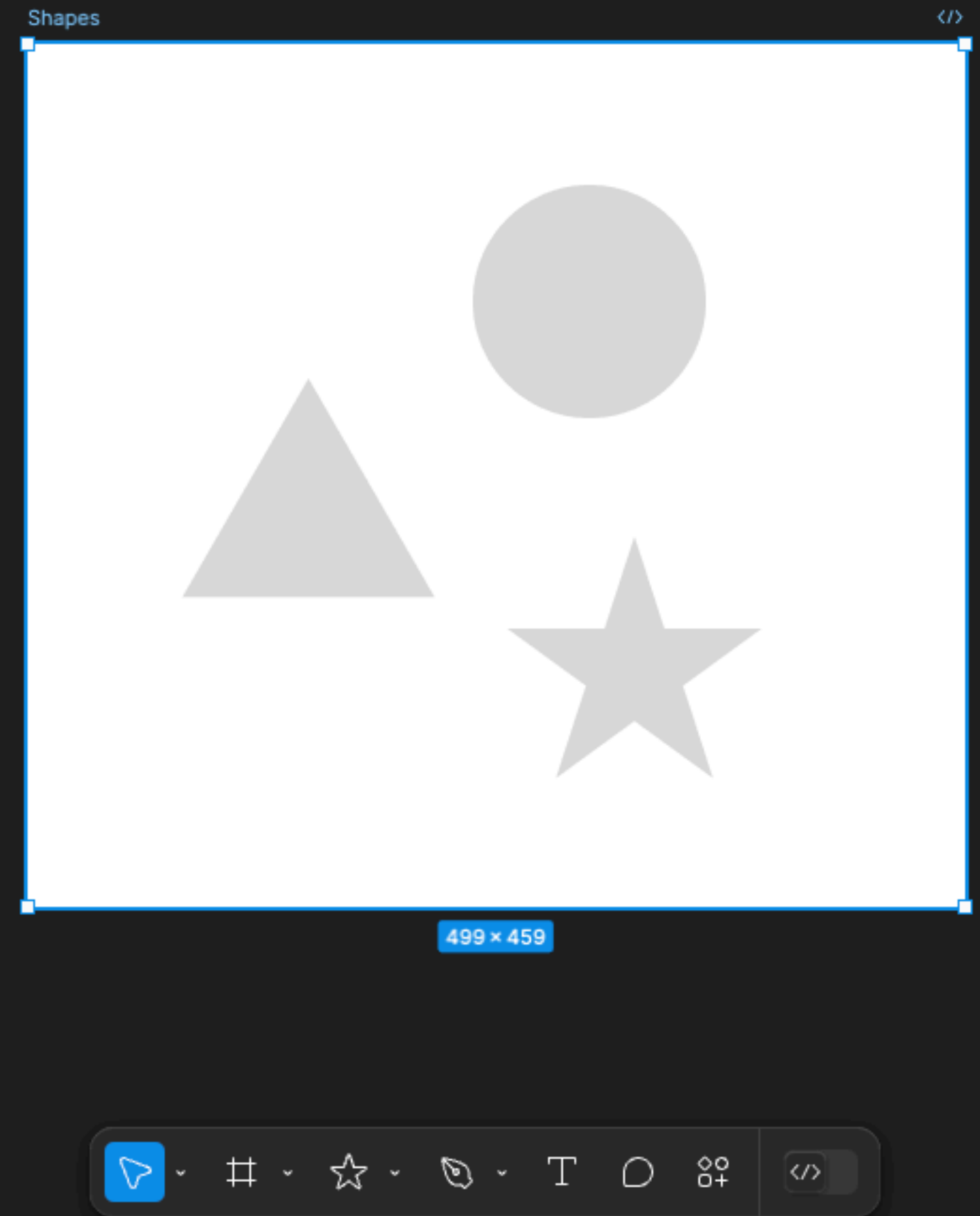
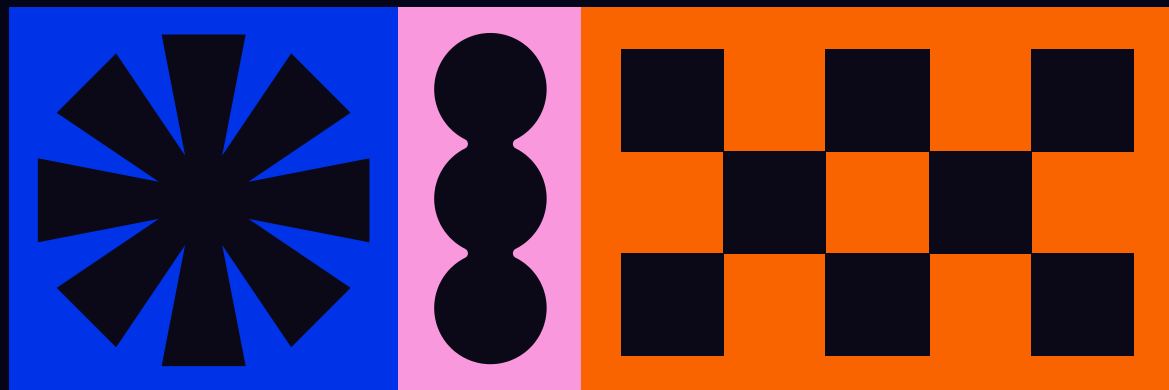
- Lesson Objectives
- Drawing Basic Shapes
- Manipulating Shapes
- Introduction to Frames
- Using Frames in Design

- Alignment Tools
- Distribution Tools
- Practical Demo: Shapes



Lesson Objectives

- Understand how to create various shapes like rectangles, circles, and polygons in Figma.
- Learn to manipulate shapes by resizing, rotating, and combining them effectively.
- Gain knowledge on using frames to organize and structure design elements within Figma.



Drawing Basic Shapes



Rectangle

Use the Rectangle tool to create squares and rectangles by clicking and dragging on the canvas.



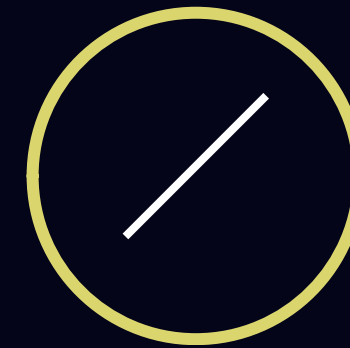
Ellipse

Select the Ellipse tool to draw perfect circles or ellipses by holding the Shift key while dragging.



Polygon

Utilize the Polygon tool to craft shapes with multiple sides, adjusting the number of sides as needed.



Line

To draw straight lines, use the Line tool, clicking and dragging between two points on the canvas.

Manipulating Shapes

Resize

Adjust the size of shapes using the bounding box handles. Hold down the Shift key to maintain the aspect ratio while resizing.

Rotate

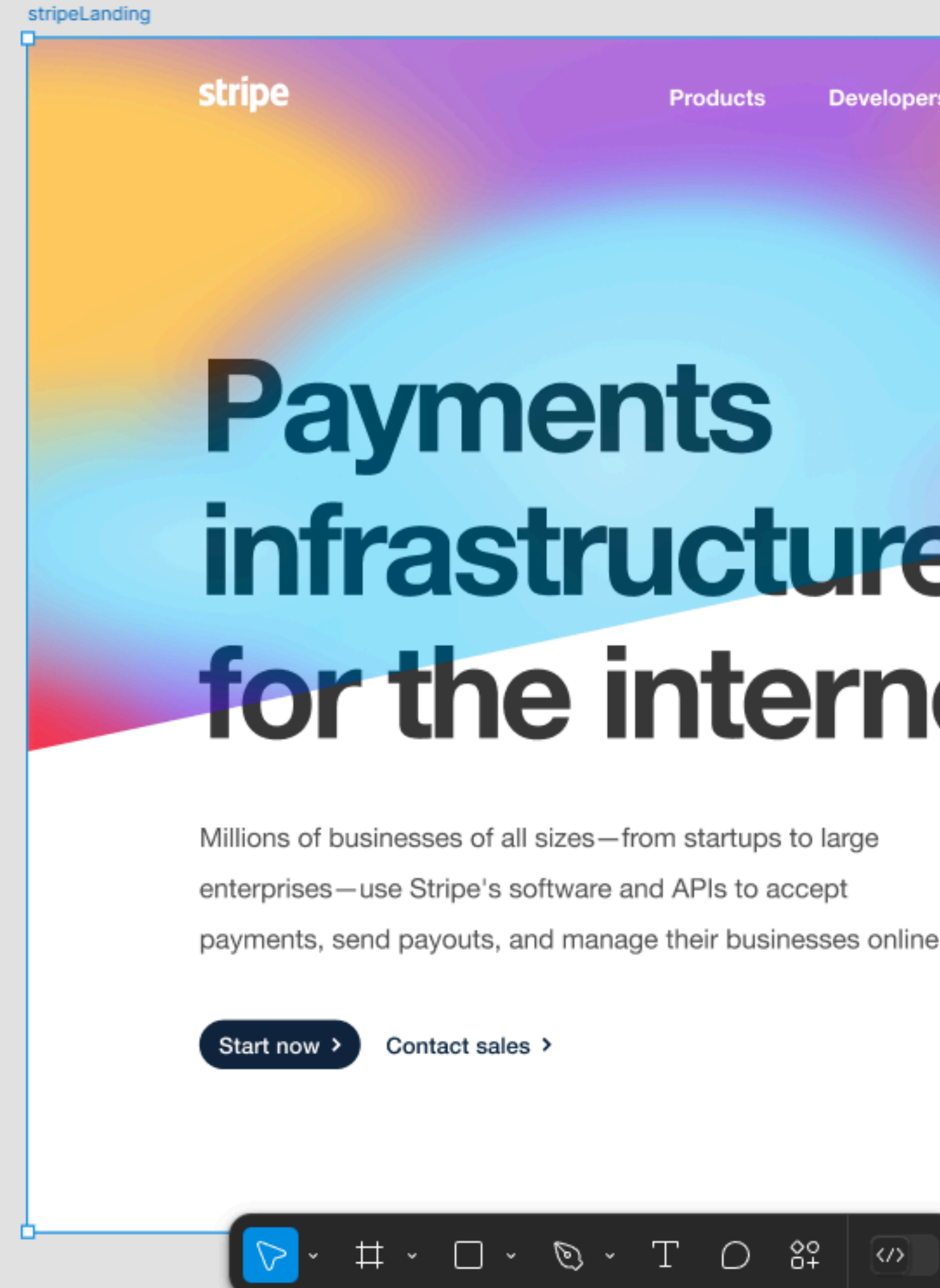
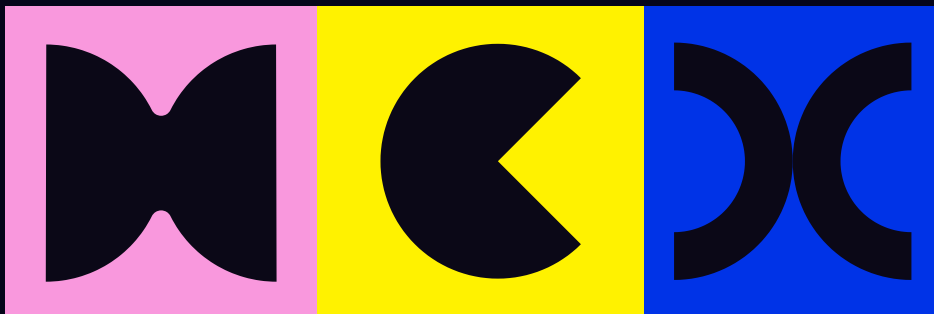
Use the rotation handle at the top of the bounding box to rotate shapes. You can also enter a specific angle in the properties panel.

Change fill & stroke

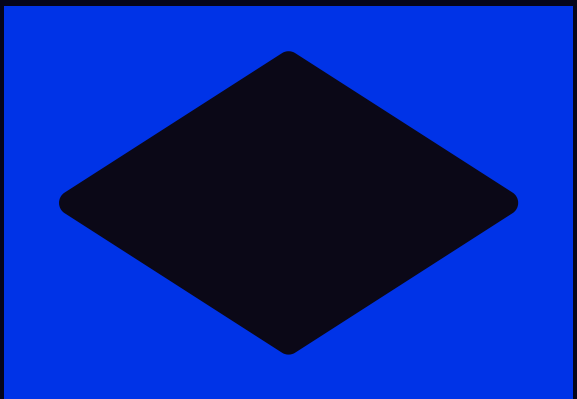
Modify the fill color and stroke properties in the right sidebar. Experiment with gradients, opacity, and stroke width for enhanced design.

Frames

- Frames in Figma are containers that hold design elements, allowing for organized and structured layouts. They can be used to group various objects, enabling designers to manage complex designs more effectively.
- Frames also provide functionality for responsive design, allowing elements to resize based on the frame's dimensions, ensuring a consistent design across different screen sizes and devices.



Using Frames in Design



Organisation

Frames help organize design elements, allowing you to group related components for better structure.

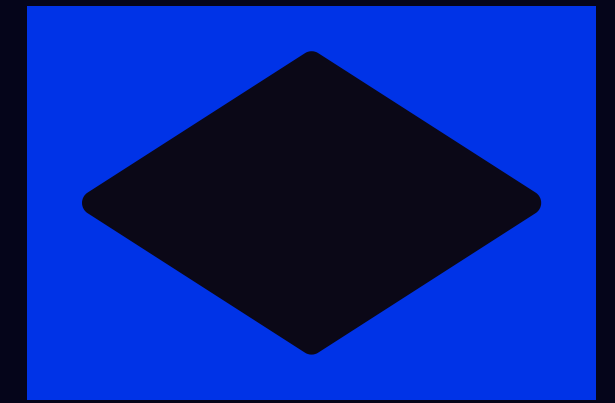
Responsive Layouts

Utilize frames to create responsive designs that adapt to different screen sizes and layouts.

Clipping masks

Frames can be used as clipping masks, enabling you to control visibility and create complex visual compositions.

Alignment Tools



Alignment

Figma provides alignment options such as left, center, right, top, middle, and bottom alignment to ensure objects are properly aligned with one another.

Spacing

Distribute spacing tools allow you to evenly space selected objects horizontally or vertically, ensuring uniform gaps between them.

Guides

Smart guides appear while moving objects, helping to align them with other objects or the canvas, enhancing precision in layout.

Autolayout

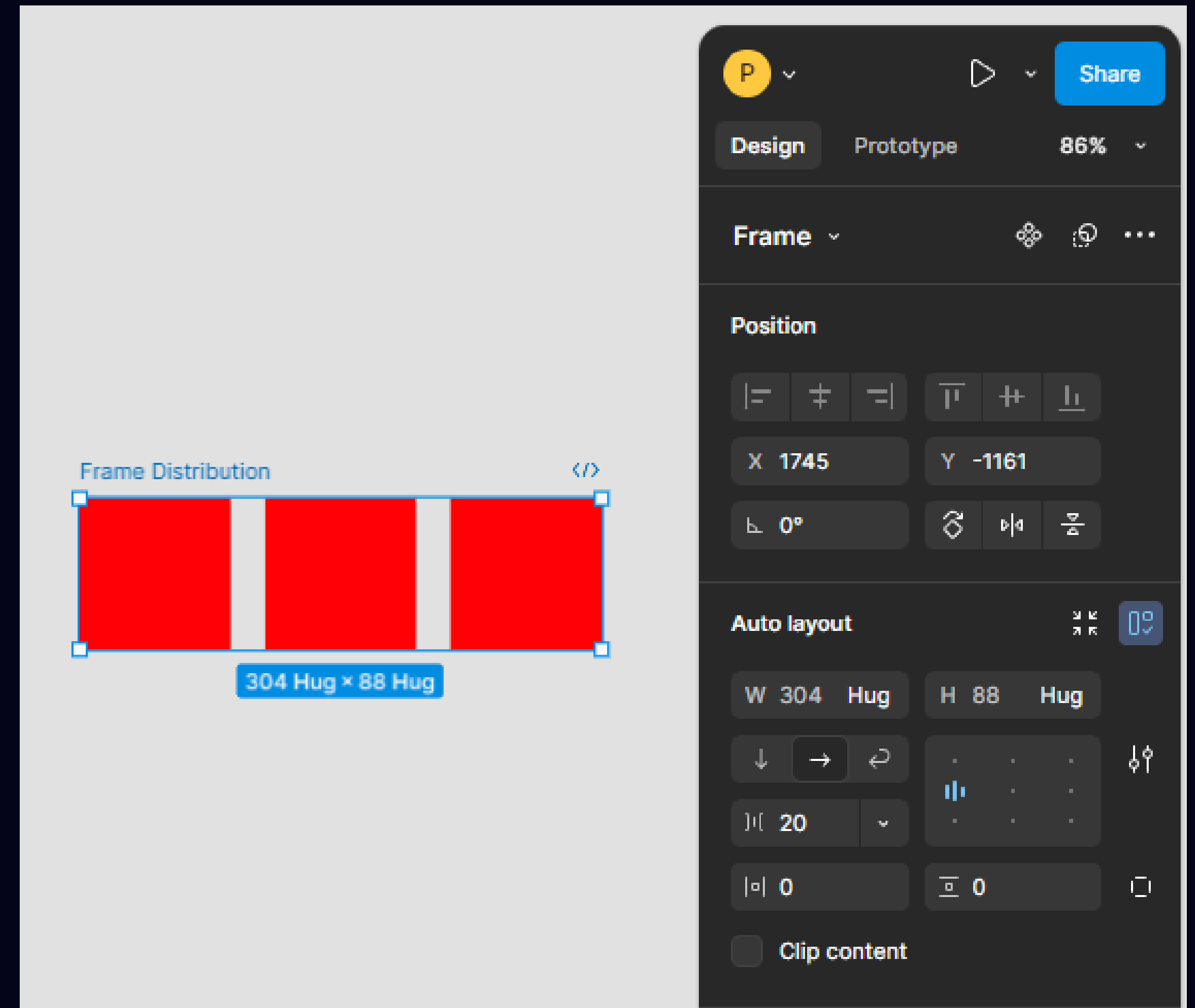
Enabling autolayout helps creating responsive components that will help you easily create your layouts, without much hassle.

Understanding alignment

You can align your elements to left, center or right according to what your design needs

You can flip and rotate your designs

Auto layout is a property you can add to frames and components. It lets you create designs that grow to fill or shrink to fit, and reflow as their contents change. This is great when you need to add new layers, accommodate longer text strings, or maintain alignment as your designs evolve.



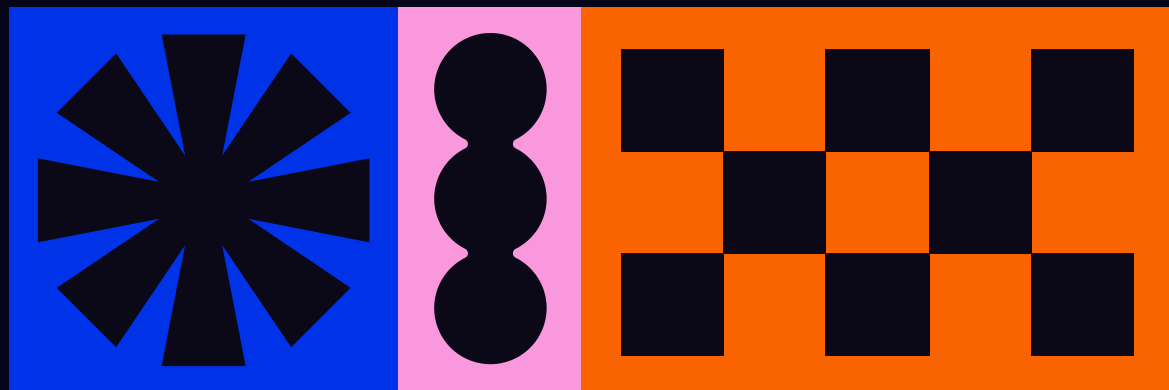
Practical Exercise

- **Learn how to use the Shape Tool**

- Choose the shape tool from the toolbar. Options include rectangle, circle, polygon, and line. Click on the desired shape to select it.
- Apply 5 same-size shapes from each in a row
- Use the right-hand properties panel to adjust size, color, border, and opacity of the shape. Explore options like corner radius for rounded edges.

- **Learn how to use Autolayout**

- Select multiple shapes and then enable Autolayout . Use alignment tools in the toolbar to align and distribute shapes evenly.



Thank you



