

textAlign()

Sets the way text is aligned when `text()` is called.

By default, calling `text('hi', 10, 20)` places the bottom-left corner of the text's bounding box at (10, 20).

The first parameter, `horizAlign`, changes the way `text()` interprets x-coordinates. By default, the x-coordinate sets the left edge of the bounding box. `textAlign()` accepts the following values for `horizAlign`: `LEFT`, `CENTER`, or `RIGHT`.

The second parameter, `vertAlign`, is optional. It changes the way `text()` interprets y-coordinates. By default, the y-coordinate sets the bottom edge of the bounding box.

`textAlign()` accepts the following values for `vertAlign`: `TOP`, `BOTTOM`,

`CENTER`, or `BASELINE`.

Examples



```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Draw a vertical line.
  strokeWeight(0.5);
  line(50, 0, 50, 100);

  // Top line.
  textSize(16);
  textAlign(RIGHT);
  text('ABCD', 50, 30);

  // Middle line.
  textAlign(CENTER);
  text('EFGH', 50, 50);

  // Bottom line.
  textAlign(LEFT);
  text('IJKL', 50, 70);

  describe('The letters ABCD displayed at top-left, EFGH at center, and IJKL at bottom-right. A vertical line divides the canvas in half.');
}
```

```
function setup() {
  createCanvas(100, 100);

  background(200);

  strokeWeight(0.5);

  // First line.
  line(0, 12, width, 12);
  textAlign(CENTER, TOP);
  text('TOP', 50, 12);

  // Second line.
  line(0, 37, width, 37);
  textAlign(CENTER, CENTER);
  text('CENTER', 50, 37);

  // Third line.
  line(0, 62, width, 62);
  textAlign(CENTER, BASELINE);
  text('BASELINE', 50, 62);

  // Fourth line.
  line(0, 97, width, 97);
  textAlign(CENTER, BOTTOM);
  text('BOTTOM', 50, 97);

  describe('The words "TOP", "CENTER", "BASELINE", and "BOTTOM" each drawn relative to a horizontal line. Their positions demonstrate different vertical alignments.');
}
```

Syntax

```
textAlign(horizAlign, [vertAlign])
```

```
textAlign()
```

Parameters

<code>horizAlign</code>	Constant: horizontal alignment, either <code>LEFT</code> , <code>CENTER</code> , or <code>RIGHT</code> .
<code>vertAlign</code>	Constant: vertical alignment, either <code>TOP</code> , <code>BOTTOM</code> , <code>CENTER</code> , or <code>BASELINE</code> .

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Related References

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Changes where ellipses, circles, and arcs are drawn.

[noSmooth](#)
Draws certain features with jagged (aliased) edges.

[rectMode](#)
Changes where rectangles and squares are drawn.

[smooth](#)
Draws certain features with smooth (antialiased) edges.

