

[Reference](#) > [createButton\(\)](#)

# createButton()

Creates a `<button></button>` element.

The first parameter, `label`, is a string that sets the label displayed on the button.

The second parameter, `value`, is optional. It's a string that sets the button's value. See [MDN](#) for more details.

## Examples



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

  background(200);

  // Create a button and place it beneath the canvas.
  let button = createButton('click me');
  button.position(0, 100);

  // Call repaint() when the button is pressed.
  button.mousePressed(repaint);

  describe('A gray square with a button that says "click me" beneath it. The square changes color when the button is clicked.');
}

// Change the background color.
function repaint() {
  let g = random(255);
  background(g);
}
```



```
let button;

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

  background(200);

  // Create a button and set its value to 0.
  // Place the button beneath the canvas.
  button = createButton('click me', 'red');
  button.position(0, 100);

  // Call randomColor() when the button is pressed.
  button.mousePressed(randomColor);

  describe('A red square with a button that says "click me" beneath it. The square changes color when the button is clicked.');
}

function draw() {
  // Use the button's value to set the background color.
  let c = button.value();
  background(c);
}

// Set the button's value to a random color.
function randomColor() {
  let c = random(['red', 'green', 'blue', 'yellow']);
}
```

## Syntax

```
createButton(label, [value])
```



## Parameters

<code>label</code>	String: label displayed on the button.
<code>value</code>	String: value of the button.

## Returns

`p5.Element`: new [p5.Element](#) object.

This page is generated from the comments in [src/dom/dom.js](#). Please feel free to edit it and submit a pull request!

## Related References

<a href="#">addClass</a>	<a href="#">attribute</a>	<a href="#">center</a>	<a href="#">child</a>
Adds a class to the element.	Adds an attribute to the element.	Centers the element either vertically, horizontally, or both.	Attaches the element as a child of another element.

