

Reference > createCheckbox()

createCheckbox()

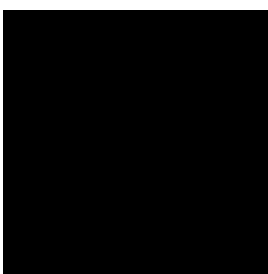
Creates a checkbox `<input>` element.

Checkboxes extend the `p5.Element` class with a `checked()` method. Calling `myBox.checked()` returns `true` if it the box is checked and `false` if not.

The first parameter, `label`, is optional. It's a string that sets the label to display next to the checkbox.

The second parameter, `value`, is also optional. It's a boolean that sets the checkbox's value.

Examples



```
let checkbox;

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

  // Create a checkbox and place it beneath the canvas.
  checkbox = createCheckbox();
  checkbox.position(0, 100);

  describe('A black square with a checkbox beneath it. The square turns white when the box is checked.');
```



```
let checkbox;

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

  // Create a checkbox and place it beneath the canvas.
  // Label the checkbox "white".
  checkbox = createCheckbox(' white');
  checkbox.position(0, 100);

  describe('A black square with a checkbox labeled "white" beneath it. The square turns white when the box is checked.');
```



```
let checkbox;

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

  // Create a checkbox and place it beneath the canvas.
  // Label the checkbox "white" and set its value to true.
  checkbox = createCheckbox(' white', true);
  checkbox.position(0, 100);

  describe('A white square with a checkbox labeled "white" beneath it. The square turns black when the box is unchecked.');
```

Syntax

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

Parameters

- label

String: label displayed after the checkbox.
- value

Boolean: value of the checkbox. Checked is `true` and unchecked is `false`.

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

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