

- DOM
- [addClass\(\)](#)
 - [attribute\(\)](#)
 - [center\(\)](#)
 - [child\(\)](#)
 - [class\(\)](#)
 - [doubleClicked\(\)](#)
 - [dragLeave\(\)](#)
 - [dragOver\(\)](#)
 - [draggable\(\)](#)
 - [drop\(\)](#)
 - [elt](#)
 - [hasClass\(\)](#)
 - [height](#)
 - [hide\(\)](#)
 - [html\(\)](#)
 - [id\(\)](#)
 - [mouseClicked\(\)](#)
 - [mouseMoved\(\)](#)
 - [mouseOut\(\)](#)

selectAll()

Searches the page for all elements that matches the given **CSS selector string**.

The selector string can be an ID, class, tag name, or a combination. `selectAll()` returns an array of **p5.Element** objects if it finds any matches and an empty array if none are found.

The second parameter, `container`, is optional. It specifies a container to search within. `container` can be CSS selector string, a **p5.Element** object, or an **HTMLElement** object.

Examples

1

2

3

▶

■

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

  // Create three buttons.
  createButton('1');
  createButton('2');
  createButton('3');

  // Select the buttons by their tag.
  let buttons = selectAll('button');

  // Position the buttons.
  for (let i = 0; i < 3; i += 1) {
    buttons[i].position(0, i * 30);
  }

  describe('Three buttons stacked vertically. The buttons are
labeled, "1", "2", and "3".');
}
```

▶

■

```
function setup() {
  // Create three buttons and position them.
  let b1 = createButton('1');
  b1.position(0, 0);
  let b2 = createButton('2');
  b2.position(0, 30);
  let b3 = createButton('3');
  b3.position(0, 60);

  // Add a class attribute to each button.
  b1.class('btn');
  b2.class('btn btn-pink');
  b3.class('btn');

  // Select the buttons by their class.
  let buttons = selectAll('.btn');
  let pinkButtons = selectAll('.btn-pink');

  // Style the selected buttons.
  buttons.forEach(setFont);
  pinkButtons.forEach(setColor);

  describe('Three buttons stacked vertically.
The buttons are labeled, "1", "2", and "3".
Buttons "1" and "3" are gray. Button "2" is
pink.');
```

Syntax

```
selectAll(selectors, [container])
```

Parameters

selectors	String: CSS selector string of element to search for.
container	String p5.Element HTMLElement: CSS selector string, p5.Element , or HTMLElement to search within.

Returns

p5.Element[]: array of **p5.Elements** containing any elements found.

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

addClass Adds a class to the element.	attribute Adds an attribute to the element.	center Centers the element either vertically, horizontally, or both.	child Attaches the element as a child of another element.
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p5.js

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