

Reference > parent()

# parent()

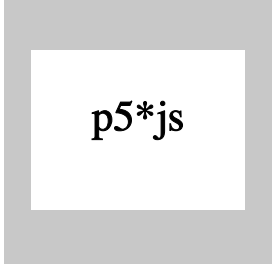
Attaches the element to a parent element.

For example, a `div` element may be used as a box to hold two pieces of text, a header and a paragraph. The `<div></div>` is the parent element of both the header and paragraph.

The parameter `parent` can have one of three types. `parent` can be a string with the parent element's ID, as in `myElement.parent('container')`. It can also be another `p5.Element` object, as in `myElement.parent(myDiv)`. Finally, `parent` can be an `HTMLElement` object, as in `myElement.parent(anotherElement)`.

Calling `myElement.parent()` without an argument returns the element's parent.

## Examples



▶

■

```
function setup() {
  background(200);

  // Create a div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color to white
  div.style('background-color', 'white');

  // Align any text to the center.
  div.style('text-align', 'center');

  // Set its ID to "container".
  div.id('container');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent
  // using its ID "container".
  p.parent('container');

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
```

▶

■

```
function setup() {
  background(200);

  // Create rectangular div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color and align
  // any text to the center.
  div.style('background-color', 'white');
  div.style('text-align', 'center');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent.
  p.parent(div);

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
```

▶

■

```
function setup() {
  background(200);

  // Create rectangular div element.
  let div = createDiv();

  // Place the div in the top-left corner.
  div.position(10, 20);

  // Set its width and height.
  div.size(80, 60);

  // Set its background color and align
  // any text to the center.
  div.style('background-color', 'white');
  div.style('text-align', 'center');

  // Create a paragraph element.
  let p = createP('p5*js');

  // Make the div its parent
  // using the underlying
  // HTMLElement.
  p.parent(div.elt);

  describe('The text "p5*js" written in black
at the center of a white rectangle. The
rectangle is inside a gray square.');
```

## Syntax

```
parent(parent)
```

```
parent()
```

## Parameters

`parent`      String|p5.Element|Object: ID, p5.Element, or HTMLElement of desired parent element.

This page is generated from the comments in [src/core/p5.Element.js](#). Please feel free to edit it and submit a pull request!

## Related References

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

p5.js

Resources

- Reference
- Tutorials
- Examples
- Contribute
- Community
- About
- Start Coding
- Donate

Information

- Download
- Contact
- Copyright
- Privacy Policy
- Terms of Use

Socials

- GitHub ↗
- Instagram ↗
- X ↗
- YouTube ↗
- Discord ↗
- Forum ↗

