

loadFont()

Loads a font and creates a [p5.Font](#) object. `loadFont()` can load fonts in either .otf or .ttf format. Loaded fonts can be used to style text on the canvas and in HTML elements.

The first parameter, `path`, is the path to a font file. Paths to local files should be relative. For example, `'/assets/inconsolata.otf'`. The Inconsolata font used in the following examples can be downloaded for free [here](#). Paths to remote files should be URLs. For example, `'https://example.com/inconsolata.otf'`. URLs may be blocked due to browser security.

The second parameter, `successCallback`, is optional. If a function is passed, it will be called once the font has loaded. The callback function may use the new [p5.Font](#) object if needed.

The third parameter, `failureCallback`, is also optional. If a function is passed, it will be called if the font fails to load. The callback function may use the error [Event](#) object if needed.

FONTS CAN TAKE TIME TO LOAD. CALLING `loadFont()` IN `preload()` ENSURES FONTS LOAD BEFORE THEY'RE USED IN `setup()` OR `draw()`.

EXAMPLES

p5.js

```
let font;

function preload() {
  font = loadFont('/assets/inconsolata.otf');
}

function setup() {
  fill('deeppink');
  textAlign(CENTER);
  textSize(36);
  text('p5*js', 10, 50);

  describe('The text "p5*js" written in pink on a white background.');
}
```

```
function setup() {
  loadFont('/assets/inconsolata.otf', font => {
    fill('deeppink');
    textAlign(CENTER);
    textSize(36);
    text('p5*js', 10, 50);

    describe('The text "p5*js" written in pink on a white background.');
  });
}
```

```
function setup() {
  loadFont('/assets/inconsolata.otf', success,
failure);
}

function success(font) {
  fill('deeppink');
  textAlign(CENTER);
  textSize(36);
  text('p5*js', 10, 50);

  describe('The text "p5*js" written in pink on a white background.');
}

function failure(event) {
  console.error('Oops!', event);
}
```

```
function preload() {
  loadFont('/assets/inconsolata.otf');
}

function setup() {
  let p = createP('p5*js');
  p.style('color', 'deeppink');
  p.style('font-family', 'Inconsolata');
  p.style('font-size', '36px');
  p.position(10, 50);

  describe('The text "p5*js" written in pink on a white background.');
}
```

Syntax

```
loadFont(path, [successCallback], [failureCallback])
```

Parameters

<code>path</code>	String: path of the font to be loaded.
<code>successCallback</code>	Function: function called with the p5.Font object after it loads.
<code>failureCallback</code>	Function: function called with the Event object if the font fails to load.

Returns

[p5.Font](#): [p5.Font](#) object.

This page is generated from the comments in `src/typography/loading_displaying.js`. Please feel free to edit it and submit a pull request!

Related References

font	textBounds	textToPoints	image
The font's underlying opentype.js font object.	Returns the bounding box for a string of text written using the font.	Returns an array of points outlining a string of text written using the font.	Draws an image to the canvas.



p5.js

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