

Reference > toString()

toString()

Returns the color formatted as a `String`.

Calling `myColor.toString()` can be useful for debugging, as in `print(myColor.toString())`. It's also helpful for using p5.js with other libraries.

The parameter, `format`, is optional. If a format string is passed, as in `myColor.toString('#rrggbb')`, it will determine how the color string is formatted. By default, color strings are formatted as `'rgba(r, g, b, a)'`.

Examples

#9932cc

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

  background(200);

  // Create a p5.Color object.
  let myColor = color('darkorchid');

  // Style the text.
  textAlign(CENTER);
  textSize(16);

  // Display the text.
  text(myColor.toString('#rrggbb'), 50, 50);

  describe('The text "#9932cc" written in purple on a gray background.');
```

Syntax

```
toString([format])
```

Parameters

format	String: how the color string will be formatted. Leaving this empty formats the string as <code>rgba(r, g, b, a)</code> . <code>'rgb'</code> <code>'rgba'</code> <code>'#rrggbb'</code> and <code>'#rrggbbaa'</code> format as hexadecimal color codes. <code>'rgb'</code> <code>'hsb'</code> and <code>'hsl'</code> return the color formatted in the specified color mode. <code>'rgba'</code> <code>'hsba'</code> and <code>'hsla'</code> are the same as above but with alpha channels. <code>'rgb%'</code> <code>'hsb%'</code> <code>'hsl%'</code> <code>'rgba%'</code> <code>'hsba%'</code> and <code>'hsla%'</code> format as percentages.
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Returns

String: the formatted string.

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

Related References

setAlpha Sets the alpha (transparency) value of a color.	setBlue Sets the blue component of a color.	setGreen Sets the green component of a color.	setRed Sets the red component of a color.
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