

# 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



```
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 `rgba(r, g, b, a)`. '#rgb' '#rgba' '#rrggbb' and '#rrggbaa' format as hexadecimal color codes. 'rgb' 'hsb' and 'hsl' return the color formatted in the specified color mode. 'rgba' 'hsba' and 'hsla' are the same as above but with alpha channels. 'rgb%' 'hsb%' 'hsl%' 'rgba%' 'hsba%' and 'hsla%' format as percentages.

## 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.

p5.js

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