

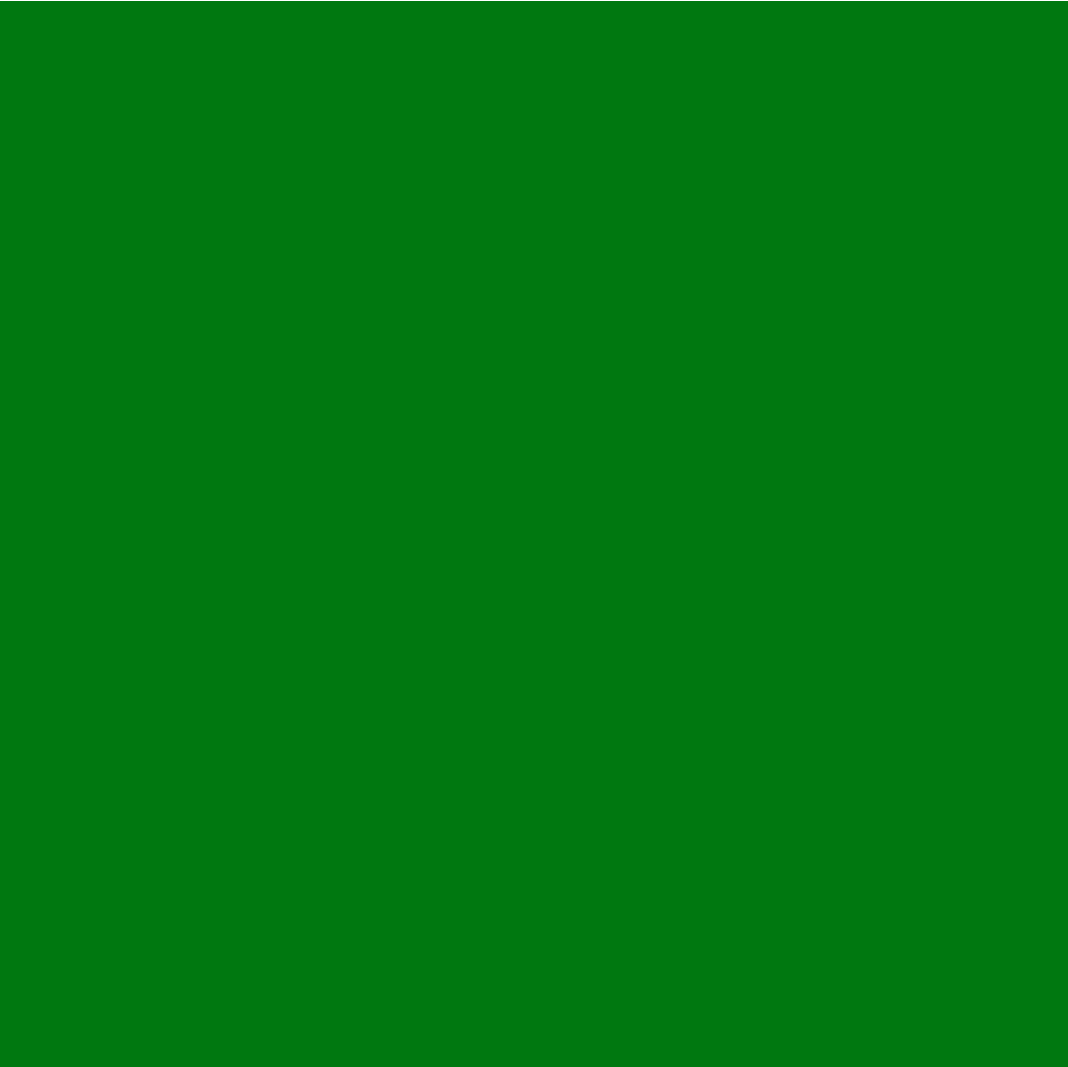
paletteLerp()

Blends multiple colors to find a color between them.

The `amt` parameter specifies the amount to interpolate between the color stops which are colors at each `amt` value "location" with `amt` values that are between 2 color stops interpolating between them based on its relative distance to both.

The way that colors are interpolated depends on the current `colorMode()`.

Examples



```
function setup() {
  createCanvas(400, 400);
}

function draw() {
  // The background goes from white to
  red to green to blue fill
  background(paletteLerp([
    ['white', 0],
    ['red', 0.05],
    ['green', 0.25],
    ['blue', 1]
  ], millis() / 10000 % 1));
}
```

Syntax

```
paletteLerp(colors_stops, amt)
```

Parameters

| | |
|--------------|--|
| colors_stops | [p5.Color, Number][]: color stops to interpolate from |
| amt | Number: number to use to interpolate relative to color stops |

Returns

p5.Color: interpolated color.

This page is generated from the comments in [src/color/creating_reading.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. |
|--|---|---|---|