

Converting Colors

RGB(129, 124, 204)

Have a look what the booklet for
RGB(129, 124, 204) contains.

RGB(129, 124, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(129, 124, 204)

Conversions

Conversions Part 1

Format	Color
Hex	817CCC
RGB	129, 124, 204
RGB Percent	51%, 49%, 80%
CMY	0.4941, 0.5137, 0.2000
CMYK	0.37, 0.39, 0.00, 0.20
HSL	244°, 44%, 64%
HSV	244°, 39%, 80%
XYZ	27.1600, 23.4421, 60.2200
YIQ	134.6150, -22.7000, 25.9400

Conversions

Conversions Part 2

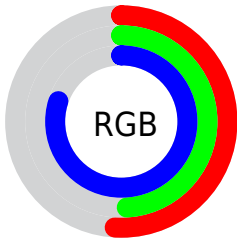
Format	Color
RYB	129, 124, 204
Decimal	8486092
CIELab	55.52, 21.04, -40.85
CIELCh	56, 45.948, 297.246
Yxy	23.4421, 0.2451, 0.2115
Android (android.graphics.Color)	4286676172 (0xFF817CCC)
YUV	134.6150, 34.2068, -4.9244
Hunter-Lab	48.4170, 15.4016, -39.8517

Details

The RGB color **129, 124, 204** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **199, 204, 124**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **184, 177, 255**, and **76, 75, 149** is the 20% darker color. If you saturate the color by 10%, you get **110, 104, 204**, and if you desaturate by 10%, it is **148, 144, 204**.

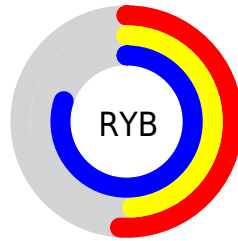
Distribution



Red (51%)

Green (49%)

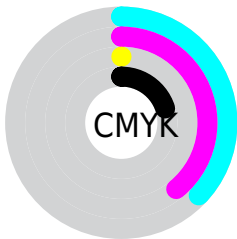
Blue (80%)



Red (51%)

Yellow (49%)

Blue (80%)

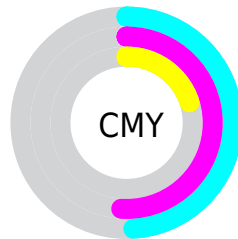


Cyan (37%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (49%)

Magenta (51%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the RGB color 129, 124, 204 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 129, 124, 204 by changing the saturation by 10% instead.

 129, 124, 204

255, 255, 255

 184, 177, 255

 213, 204, 255

 242, 232, 255

 129, 124, 204

 102, 99, 176


 76, 75, 149

 49, 53, 123

 17, 31, 98

 0, 11, 73

 0, 3, 50

 0, 2, 28

 0, 0, 0

 129, 124, 204

 129, 124, 204

■ 110, 104, 204

■ 148, 144, 204

■ 91, 83, 204

■ 167, 165, 204

■ 72, 63, 204

■ 186, 185, 204

■ 53, 42, 204

■ 206, 206, 204

■ 33, 22, 204

■ 225, 226, 204

■ 14, 2, 204

■ 244, 246, 204

■ 13, 0, 204

■ 255, 255, 204

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36, 138, 212



129, 124, 204



178, 108, 177

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



129, 124, 204



189, 115, 66



0, 153, 128

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



129, 124, 204



199, 204, 124

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68, 149, 88



129, 124, 204



159, 130, 50

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



129, 124, 204



206, 102, 99



119, 141, 58



0, 152, 168

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



129, 124, 204



198, 101, 152



119, 141, 58



0, 152, 114

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



129, 124, 204



226, 224, 255



124, 200, 204



111, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129, 124, 204



143, 135, 255



168, 124, 204



92, 92, 102



10, 0, 166



2, 0, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



204, 124, 199



255, 135, 248



160, 204, 124



102, 92, 101



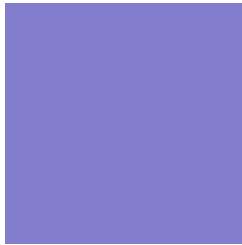
166, 0, 155



38, 0, 36

Previews

White Background



This preview shows how the RGB color 129, 124, 204 looks on a white background.

Color Contrast Check

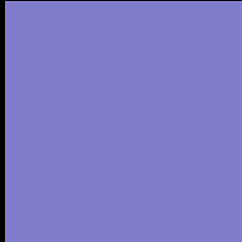
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 129, 124, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

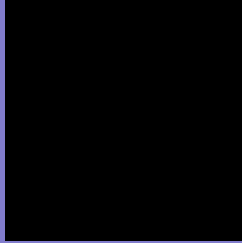
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 129, 124, 204 Background



This preview shows how black text looks on a background with the RGB color 129, 124, 204.



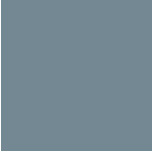
This preview shows how white text looks on a background with the RGB color 129, 124, 204.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

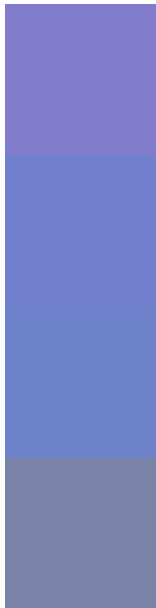
Dichromacy





Tritanopia
116, 136, 147

Trichromacy



Original Color
129, 124, 204

Protanomaly
112, 128, 207

Deuteranomaly
110, 129, 203

Tritanomaly
121, 132, 168

Monochromacy



Original Color
129, 124, 204

Achromatopsia
135, 135, 135

Achromatomaly
133, 131, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 124, 204 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 124, 204)` looks like.

```
.text, #text, p{  
    color:rgb(129, 124, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 124, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 124, 204) }
```

Border

The CSS property to change the border of an element to RGB 129, 124, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 124, 204) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 124, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 124, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 124, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 124, 204);  
box-shadow:4px 4px 4px 4px rgb(129, 124,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 129, 124, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 124, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
124, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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