

Converting Colors

RGB(124, 108, 203)

Have a look what the booklet for
RGB(124, 108, 203) contains.

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Color

RGB(124, 108, 203)

Conversions

Conversions Part 1

Format	Color
Hex	7C6CCB
RGB	124, 108, 203
RGB Percent	49%, 42%, 80%
CMY	0.5137, 0.5765, 0.2039
CMYK	0.39, 0.47, 0.00, 0.20
HSL	250°, 48%, 61%
HSV	250°, 47%, 80%
XYZ	24.4542, 19.3220, 58.9406
YIQ	123.6140, -20.9590, 32.9370

Conversions

Conversions Part 2

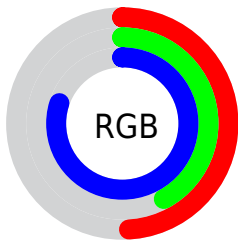
Format	Color
RYB	124, 108, 203
Decimal	8154315
CIELab	51.06, 28.95, -47.37
CIELCh	51, 55.520, 301.430
Yxy	19.3220, 0.2381, 0.1881
Android (android.graphics.Color)	4286344395 (0xFF7C6CCB)
YUV	123.6140, 39.1373, 0.3385
Hunter-Lab	43.9568, 22.3795, -48.7307

Details

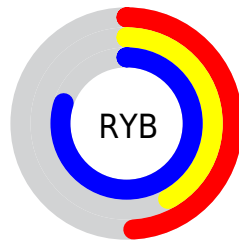
The RGB color **124, 108, 203** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **187, 203, 108**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **180, 160, 255**, and **69, 60, 148** is the 20% darker color. If you saturate the color by 10%, you get **107, 88, 203**, and if you desaturate by 10%, it is **141, 128, 203**.

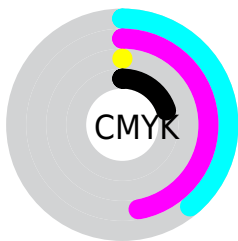
Distribution



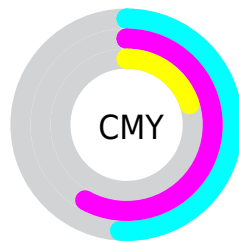
- Red (49%)
- Green (42%)
- Blue (80%)



- Red (49%)
- Yellow (42%)
- Blue (80%)



- Cyan (39%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)




- Cyan (51%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 108, 203 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 124, 108, 203 by changing the saturation by 10% instead.

 124, 108, 203


255, 255, 255

 180, 160, 255

 208, 187, 255

 238, 215, 255

 255, 243, 255

 124, 108, 203

 97, 84, 175

 69, 60, 148

 41, 38, 122


 0, 17, 97


 0, 0, 72

 0, 4, 49


 0, 1, 27


 0, 0, 0

 124, 108, 203

 124, 108, 203

 107, 88, 203

 141, 128, 203


 90, 67, 203


 158, 149, 203

 73, 47, 203

 175, 169, 203

 56, 27, 203

 192, 189, 203

 40, 7, 203

 208, 210, 203

 34, 0, 203

 225, 230, 203

 242, 250, 203

 255, 255, 203

Harmonies

Analogous

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



0, 126, 217



124, 108, 203



180, 87, 168

Triad

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



124, 108, 203



180, 102, 35



0, 144, 123

Complementary

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



124, 108, 203



187, 203, 108

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.



0, 140, 74



124, 108, 203



143, 120, 6

Square

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



124, 108, 203



203, 83, 75



95, 133, 31



0, 143, 170

Rectangle

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



124, 108, 203



200, 77, 137



95, 133, 31



0, 143, 106

Sweetspot

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



124, 108, 203



225, 219, 255



108, 187, 203



109, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 108, 203



136, 112, 255



171, 108, 203



94, 92, 102



28, 0, 166



6, 0, 38

Inverse Universe

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



203, 108, 187



255, 112, 231



140, 203, 108



102, 92, 100



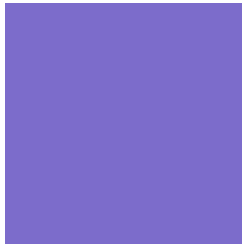
166, 0, 138



38, 0, 32

Previews

White Background



This preview shows how the RGB color 124, 108, 203 looks on a white background.

Color Contrast Check

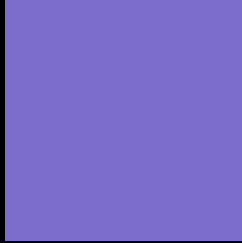
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 108, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

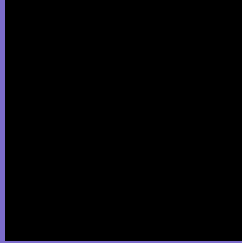
Any Text WCAG AA ✓ Pass

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 124, 108, 203 Background



This preview shows how black text looks on a background with the RGB color 124, 108, 203.



This preview shows how white text looks on a background with the RGB color 124, 108, 203.

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



Original Color
124, 108, 203

Protanopia
78, 118, 213

Deuteranopia
72, 122, 200



Tritanopia
108, 124, 134

Trichromacy



Original Color
124, 108, 203

Protanomaly
95, 114, 209

Deuteranomaly
91, 117, 201

Tritanomaly
114, 118, 159

Monochromacy



Original Color
124, 108, 203

Achromatopsia
124, 124, 124

Achromatomaly
124, 118, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 108, 203 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(124, 108, 203)` looks like.

```
.text, #text, p{  
    color:rgb(124, 108, 203)  
}
```

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(124, 108, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 108, 203) }
```

Border

The CSS property to change the border of an element to RGB 124, 108, 203 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(124, 108, 203) }
```

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

```
.border{ border-color:rgb(124, 108, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 108, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 108, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 108, 203);  
box-shadow:4px 4px 4px 4px rgb(124, 108,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 124, 108, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 108, 203) }
```

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

```
.background{ background-color: rgb(124,  
108, 203) }
```

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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