

Converting Colors

RGB(120, 111, 203)

Have a look what the booklet for
RGB(120, 111, 203) contains.

RGB(120, 111, 203)	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(120, 111, 203)

Conversions

Conversions Part 1

Format	Color
Hex	786FCB
RGB	120, 111, 203
RGB Percent	47%, 44%, 80%
CMY	0.5294, 0.5647, 0.2039
CMYK	0.41, 0.45, 0.00, 0.20
HSL	246°, 47%, 62%
HSV	246°, 45%, 80%
XYZ	24.2097, 19.6737, 59.0213
YIQ	124.1790, -24.1680, 30.5200

Conversions

Conversions Part 2

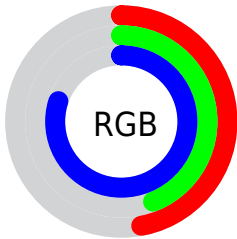
Format	Color
R_{YB}	120, 111, 203
Decimal	7892939
CIE _{Lab}	51.47, 26.14, -46.75
CIE _{LCh}	51, 53.564, 299.215
Yxy	19.6737, 0.2353, 0.1912
Android (android.graphics.Color)	4286083019 (0xFF786FCB)
YUV	124.1790, 38.8588, -3.6650
Hunter-Lab	44.3551, 19.8065, -47.8460

Details

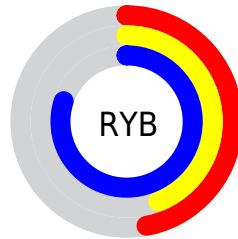
The RGB color `120, 111, 203` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `194, 203, 111`, and the grayscale version is `124, 124, 124`.

A 20% lighter version of the original color is `176, 163, 255`, and `65, 63, 148` is the 20% darker color. If you saturate the color by 10%, you get `102, 91, 203`, and if you desaturate by 10%, it is `138, 131, 203`.

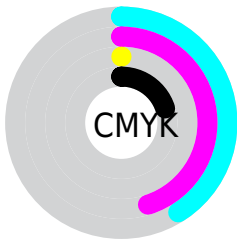
Distribution



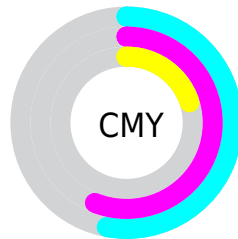
- Red (47%)
- Green (44%)
- Blue (80%)



- Red (47%)
- Yellow (44%)
- Blue (80%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 111, 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 120, 111, 203 by changing the saturation by 10% instead.

 120, 111, 203


255, 255, 255

 176, 163, 255

 204, 190, 255

 233, 218, 255

 255, 246, 255

 120, 111, 203

 93, 87, 175

 65, 63, 148

 36, 41, 122

 0, 21, 97


 0, 0, 72

 0, 4, 49

 0, 1, 27

 0, 0, 0

 120, 111, 203

 120, 111, 203

 102, 91, 203

 138, 131, 203

 83, 70, 203

 157, 152, 203

 65, 50, 203


 175, 172, 203

 47, 30, 203

 193, 192, 203

 28, 10, 203

 212, 213, 203

 20, 0, 203

 230, 233, 203

 248, 253, 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, 128, 214



120, 111, 203



177, 91, 170

Triad

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



120, 111, 203



182, 102, 42



0, 144, 120

Complementary

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



120, 111, 203



194, 203, 111

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.



28, 141, 73



120, 111, 203



147, 120, 18

Square

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



120, 111, 203



203, 85, 81



102, 133, 34



0, 144, 166

Rectangle

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



120, 111, 203



197, 81, 141



102, 133, 34



0, 143, 104

Sweetspot

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



120, 111, 203



223, 219, 255



111, 195, 203



108, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 111, 203



131, 117, 255



165, 111, 203



93, 92, 102



16, 0, 166



4, 0, 38

Inverse Universe

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



203, 111, 194



255, 117, 242



149, 203, 111



102, 92, 101



166, 0, 150



38, 0, 35

Previews

White Background



This preview shows how the RGB color 120, 111, 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 120, 111, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

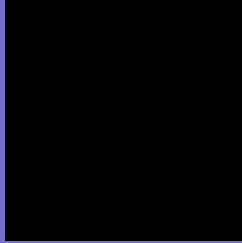
Any Text WCAG AA ✓ Pass

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 120, 111, 203 Background



This preview shows how black text looks on a background with the RGB color 120, 111, 203.

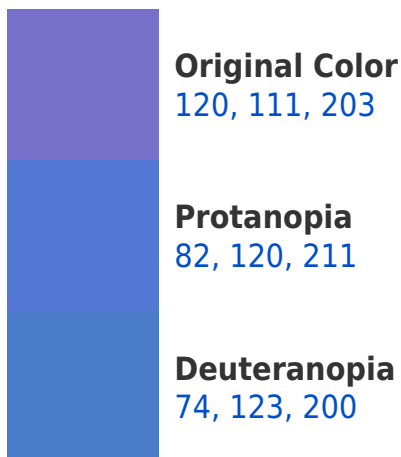


This preview shows how white text looks on a background with the RGB color 120, 111, 203.

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





Tritanopia
104, 126, 136

Trichromacy



Original Color
120, 111, 203

Protanomaly
96, 117, 208

Deuteranomaly
91, 119, 201

Tritanomaly
110, 121, 160

Monochromacy



Original Color
120, 111, 203

Achromatopsia
124, 124, 124

Achromatomaly
123, 119, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 111, 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(120, 111, 203)` looks like.

```
.text, #text, p{  
    color:rgb(120, 111, 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(120, 111, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 203) }
```

Border

The CSS property to change the border of an element to RGB 120, 111, 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(120, 111, 203) }
```

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

```
.border{ border-color:rgb(120, 111, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 111, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 111, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 111, 203); box-shadow:4px 4px 4px 4px rgb(120, 111, 203) }
```

Background

The CSS property to change the background color of an element to RGB 120, 111, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 203) }
```

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

```
.background{ background-color: rgb(120,  
111, 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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