

Converting Colors

RGB(120, 98, 153)

Have a look what the booklet for
RGB(120, 98, 153) contains.

RGB(120, 98, 153)	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, 98, 153)

Conversions

Conversions Part 1

Format	Color
Hex	786299
RGB	120, 98, 153
RGB Percent	47%, 38%, 60%
CMY	0.5294, 0.6157, 0.4000
CMYK	0.22, 0.36, 0.00, 0.40
HSL	264°, 22%, 49%
HSV	264°, 36%, 60%
XYZ	17.8632, 15.0283, 32.0963
YIQ	110.8480, -4.5430, 21.7690

Conversions

Conversions Part 2

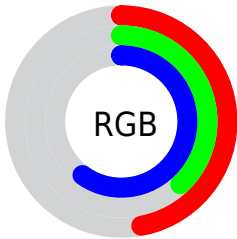
Format	Color
R_{YB}	120, 98, 153
Decimal	7889561
CIE _{Lab}	45.67, 20.57, -26.77
CIE _{LCh}	46, 33.763, 307.537
Yxy	15.0283, 0.2749, 0.2312
Android (android.graphics.Color)	4286079641 (0xFF786299)
YUV	110.8480, 20.7809, 8.0263
Hunter-Lab	38.7664, 14.4098, -21.9521

Details

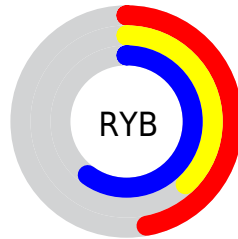
The RGB color **120, 98, 153** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131, 153, 98**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **173, 149, 208**, and **70, 51, 102** is the 20% darker color. If you saturate the color by 10%, you get **111, 83, 153**, and if you desaturate by 10%, it is **129, 113, 153**.

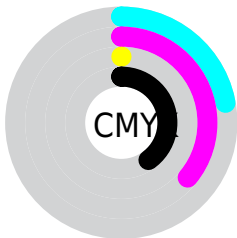
Distribution



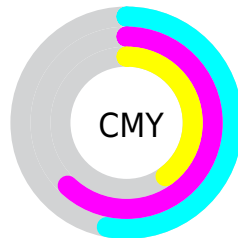
- Red (47%)
- Green (38%)
- Blue (60%)



- Red (47%)
- Yellow (38%)
- Blue (60%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (53%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 98, 153 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, 98, 153 by changing the saturation by 10% instead.

■ 120, 98, 153

255, 255, 255

■ 173, 149, 208

■ 201, 176, 236

■ 229, 203, 255

■ 255, 231, 255

■ 120, 98, 153

■ 95, 74, 127

■ 70, 51, 102

■ 46, 30, 77

■ 24, 8, 54

■ 0, 0, 33

■ 0, 0, 5

■ 0, 0, 0

■ 120, 98, 153

■ 111, 83, 153

■ 120, 98, 153

■ 129, 113, 153

102, 67, 153

138, 129, 153

92, 52, 153

148, 144, 153

83, 37, 153

157, 159, 153

74, 21, 153

166, 174, 153

65, 6, 153

175, 190, 153

61, 0, 153

184, 205, 153

193, 220, 153

203, 236, 153

Harmonies

Analogous

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



75, 109, 164



120, 98, 153



149, 88, 130

Triad

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



120, 98, 153



143, 99, 56



0, 123, 115

Complementary

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



120, 98, 153



131, 153, 98

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.



50, 121, 86



120, 98, 153



119, 109, 51

Square

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



120, 98, 153



158, 89, 75



88, 116, 62



0, 121, 142

Rectangle

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



120, 98, 153



159, 85, 112



88, 116, 62



0, 122, 105

Sweetspot

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



120, 98, 153



186, 177, 199



98, 131, 153



92, 87, 99



227, 227, 227



99, 99, 99

Same Dimension

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



120, 98, 153



148, 113, 199



148, 98, 153



72, 69, 77



56, 0, 140



5, 0, 13

Inverse Universe

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



153, 98, 131



199, 113, 165



104, 153, 98



77, 69, 73



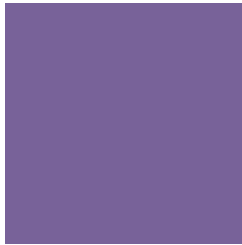
140, 0, 84



13, 0, 8

Previews

White Background



This preview shows how the RGB color 120, 98, 153 looks on a white 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

Black Background



This preview shows how the RGB color 120, 98, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

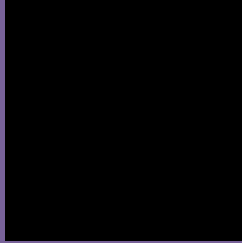
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 120, 98, 153 Background



This preview shows how black text looks on a background with the RGB color 120, 98, 153.

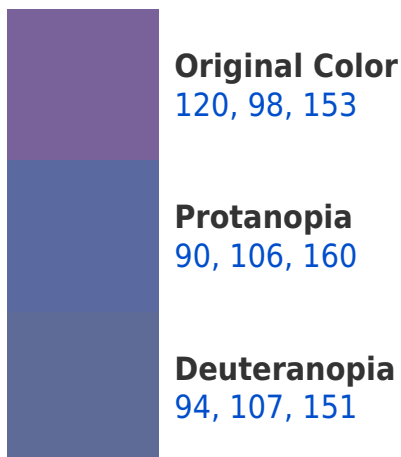


This preview shows how white text looks on a background with the RGB color 120, 98, 153.

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
113, 106, 114

Trichromacy



Original Color
120, 98, 153

Protanomaly
101, 103, 157

Deuteranomaly
103, 104, 152

Tritanomaly
116, 103, 128

Monochromacy



Original Color
120, 98, 153

Achromatopsia
111, 111, 111

Achromatomaly
114, 106, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 98, 153 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, 98, 153)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 153)  
}
```

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, 98, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 153) }
```

Border

The CSS property to change the border of an element to RGB 120, 98, 153 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, 98, 153) }
```

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

```
.border{ border-color:rgb(120, 98, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 98, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 153);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 120, 98, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 153) }
```

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

```
.background{ background-color: rgb(120, 98,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor