

Converting Colors

RGB(120, 83, 124)

Have a look what the booklet for
RGB(120, 83, 124) contains.

RGB(120, 83, 124)	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, 83, 124)

Conversions

Conversions Part 1

Format	Color
Hex	78537C
RGB	120, 83, 124
RGB Percent	47%, 33%, 49%
CMY	0.5294, 0.6745, 0.5137
CMYK	0.03, 0.33, 0.00, 0.51
HSL	294°, 20%, 41%
HSV	294°, 33%, 49%
XYZ	14.4771, 11.6348, 20.5515
YIQ	98.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

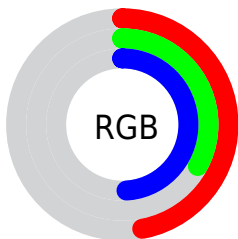
Format	Color
R_{YB}	120, 83, 124
Decimal	7885692
CIE _{Lab}	40.63, 22.93, -17.09
CIE _{LCh}	41, 28.597, 323.307
Yxy	11.6348, 0.3102, 0.2493
Android (android.graphics.Color)	4286075772 (0xFF78537C)
YUV	98.7370, 12.4547, 18.6477
Hunter-Lab	34.1099, 16.0676, -11.8459

Details

The RGB color **120, 83, 124** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **87, 124, 83**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **173, 133, 177**, and **71, 37, 75** is the 20% darker color. If you saturate the color by 10%, you get **119, 71, 124**, and if you desaturate by 10%, it is **121, 95, 124**.

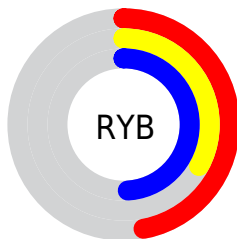
Distribution



Red (47%)

Green (33%)

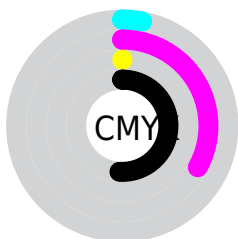
Blue (49%)



Red (47%)

Yellow (33%)

Blue (49%)

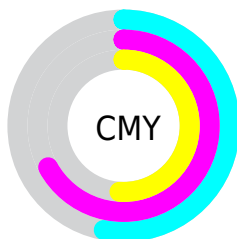


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (51%)



Cyan (53%)


Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 83, 124 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, 83, 124 by changing the saturation by 10% instead.

 120, 83, 124  120, 83, 124

255, 255, 255  95, 59, 99

 173, 133, 177  71, 37, 75

 201, 159, 204  47, 15, 52

 229, 187, 232  30, 0, 31

 255, 214, 255  0, 0, 2

 255, 243, 255  0, 0, 0

 120, 83, 124  120, 83, 124

 119, 71, 124  121, 95, 124

 118, 58, 124  122, 108, 124

■ 116, 46, 124

■ 124, 120, 124

■ 115, 33, 124

■ 125, 133, 124

■ 114, 21, 124

■ 126, 145, 124

■ 113, 9, 124

■ 127, 157, 124

■ 112, 0, 124

■ 128, 170, 124

■ 130, 182, 124

■ 131, 195, 124

Harmonies

Analogous

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



90, 92, 139



120, 83, 124



137, 77, 102

Triad

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



120, 83, 124



115, 93, 49



0, 108, 114

Complementary

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



120, 83, 124



87, 124, 83

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, 108, 90



120, 83, 124



92, 100, 52

Square

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



120, 83, 124



132, 84, 59



65, 105, 67



0, 105, 133

Rectangle

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



120, 83, 124



141, 77, 86



65, 105, 67



0, 108, 106

Sweetspot

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



120, 83, 124



159, 145, 161



83, 87, 124



81, 72, 82



209, 209, 209



82, 82, 82

Same Dimension

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



120, 83, 124



154, 96, 161



124, 83, 108



61, 55, 61



113, 0, 125



228, 0, 252

Inverse Universe

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



124, 83, 87



161, 96, 103



83, 124, 99



61, 55, 56



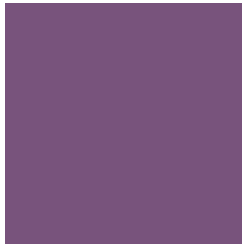
125, 0, 12



252, 0, 25

Previews

White Background



This preview shows how the RGB color 120, 83, 124 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, 83, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

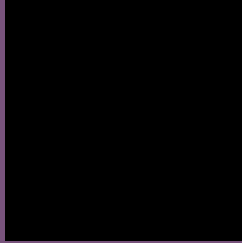
Any Text WCAG AA × Fail

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, 83, 124 Background



This preview shows how black text looks on a background with the RGB color 120, 83, 124.



This preview shows how white text looks on a background with the RGB color 120, 83, 124.

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


120, 83, 124

Protanopia

85, 95, 133

Deuteranopia

92, 94, 122



Tritanopia
116, 89, 96

Trichromacy



Original Color

120, 83, 124

Protanomaly

98, 91, 130

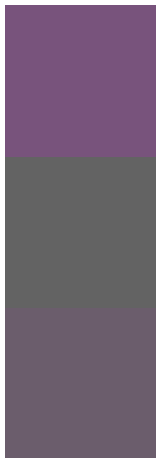
Deuteranomaly

102, 90, 123

Tritanomaly

117, 87, 106

Monochromacy



Original Color

120, 83, 124

Achromatopsia

99, 99, 99

Achromatomaly

107, 93, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 83, 124 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, 83, 124) looks like.

```
.text, #text, p{  
    color:rgb(120, 83, 124)  
}
```

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, 83, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 83, 124) }
```

Border

The CSS property to change the border of an element to RGB 120, 83, 124 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, 83, 124) }
```

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

```
.border{ border-color:rgb(120, 83, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 83, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 83, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 83, 124);  
box-shadow:4px 4px 4px 4px rgb(120, 83,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 120, 83, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 83, 124) }
```

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

```
.background{ background-color: rgb(120, 83,  
124) }
```

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