

Converting Colors

RGB(117, 43, 212)

Have a look what the booklet for
RGB(117, 43, 212) contains.

RGB(117, 43, 212)	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(117, 43, 212)

Conversions

Conversions Part 1

Format	Color
Hex	752BD4
RGB	117, 43, 212
RGB Percent	46%, 17%, 83%
CMY	0.5412, 0.8314, 0.1686
CMYK	0.45, 0.80, 0.00, 0.17
HSL	266°, 66%, 50%
HSV	266°, 80%, 83%
XYZ	20.0837, 10.2631, 63.2098
YIQ	84.3920, -10.1450, 68.2470

Conversions

Conversions Part 2

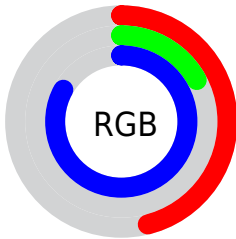
Format	Color
R_{YB}	117, 43, 212
Decimal	7678932
CIE _{Lab}	38.31, 63.71, -73.20
CIE _{LCh}	38, 97.046, 311.035
Yxy	10.2631, 0.2147, 0.1097
Android (android.graphics.Color)	4285869012 (0xFF752BD4)
YUV	84.3920, 62.9107, 28.5972
Hunter-Lab	32.0361, 55.8397, -94.5586

Details

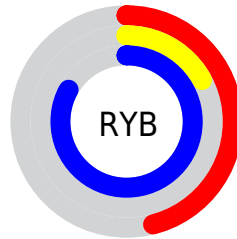
The RGB color **117, 43, 212** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **138, 212, 43**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **177, 98, 255**, and **54, 0, 156** is the 20% darker color. If you saturate the color by 10%, you get **105, 22, 212**, and if you desaturate by 10%, it is **129, 64, 212**.

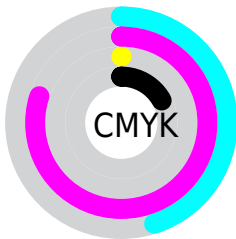
Distribution



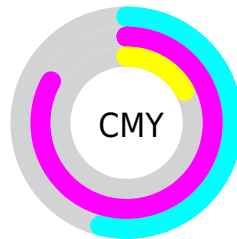
- Red (46%)
- Green (17%)
- Blue (83%)



- Red (46%)
- Yellow (17%)
- Blue (83%)



- Cyan (45%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)





















- Cyan (54%)
- Magenta (83%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 43, 212 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 117, 43, 212 by changing the saturation by 10% instead.

 117, 43, 212	 117, 43, 212
 255, 255, 255	 87, 6, 184
 177, 98, 255	 54, 0, 156
 207, 125, 255	 1, 0, 129
 237, 152, 255	 0, 0, 103
 255, 180, 255	 0, 0, 78
 255, 209, 255	 0, 5, 54
 255, 238, 255	 0, 2, 32
	 0, 0, 3
	 0, 0, 0

■ 117, 43, 212

■ 117, 43, 212

■ 105, 22, 212

■ 129, 64, 212

■ 93, 1, 212

■ 141, 85, 212

■ 93, 0, 212

■ 153, 107, 212

■ 165, 128, 212

■ 177, 149, 212

■ 189, 170, 212

■ 200, 191, 212

■ 212, 213, 212

■ 224, 234, 212

Harmonies

Analogous

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



0, 94, 250



117, 43, 212



198, 0, 143

Triad

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



117, 43, 212



150, 66, 0



0, 118, 119

Complementary

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



117, 43, 212



138, 212, 43

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, 115, 32



117, 43, 212



84, 97, 0

Square

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



117, 43, 212



197, 0, 0



0, 110, 0



0, 119, 194

Rectangle

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



117, 43, 212



216, 0, 92



0, 110, 0



0, 117, 91

Sweetspot

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



117, 43, 212



221, 194, 255



43, 139, 212



107, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



117, 43, 212



117, 10, 255



201, 43, 212



101, 96, 107



75, 0, 171



19, 0, 43

Inverse Universe

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



212, 43, 138



255, 10, 148



54, 212, 43



107, 96, 102



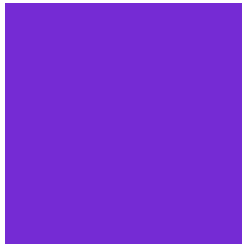
171, 0, 96



43, 0, 24

Previews

White Background



This preview shows how the RGB color 117, 43, 212 looks on a white background.

Color Contrast Check

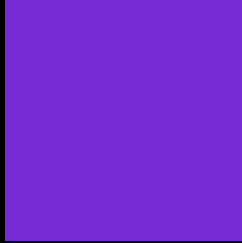
Large Text (above 18pt) WCAG AA ✓ Pass

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 117, 43, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

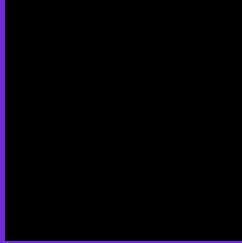
Any Text WCAG AA × Fail

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 117, 43, 212 Background



This preview shows how black text looks on a background with the RGB color 117, 43, 212.

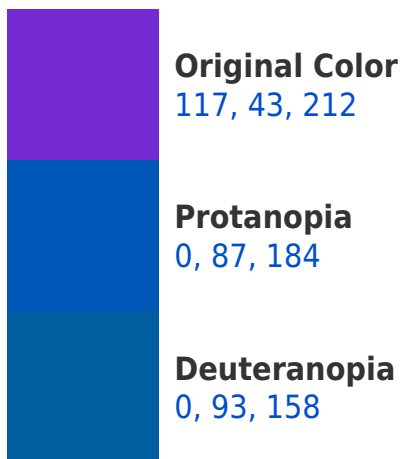



This preview shows how white text looks on a background with the RGB color 117, 43, 212.

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
89, 90, 97

Trichromacy



Original Color

117, 43, 212



Protanomaly

43, 71, 194



Deuteranomaly

43, 75, 178



Tritanomaly

99, 73, 139

Monochromacy



Original Color

117, 43, 212



Achromatopsia

84, 84, 84



Achromatomaly

96, 69, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 43, 212 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(117, 43, 212)` looks like.

```
.text, #text, p{  
    color:rgb(117, 43, 212)  
}
```

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(117, 43, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 43, 212) }
```

Border

The CSS property to change the border of an element to RGB 117, 43, 212 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(117, 43, 212) }
```

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

```
.border{ border-color:rgb(117, 43, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 43, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 43, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 43, 212);  
box-shadow:4px 4px 4px 4px rgb(117, 43,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 117, 43, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 43, 212) }
```

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

```
.background{ background-color: rgb(117, 43,  
212) }
```

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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