

Converting Colors

RGB(107, 52, 199)

Have a look what the booklet for
RGB(107, 52, 199) contains.

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Color

RGB(107, 52, 199)

Conversions

Conversions Part 1

Format	Color
Hex	6B34C7
RGB	107, 52, 199
RGB Percent	42%, 20%, 78%
CMY	0.5804, 0.7961, 0.2196
CMYK	0.46, 0.74, 0.00, 0.22
HSL	262°, 59%, 49%
HSV	262°, 74%, 78%
XYZ	17.6002, 9.7053, 54.9785
YIQ	85.2030, -14.4070, 57.3770

Conversions

Conversions Part 2

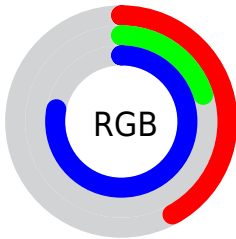
Format	Color
R_{YB}	107, 52, 199
Decimal	7025863
CIE _{Lab}	37.31, 55.21, -67.35
CIE _{LCh}	37, 87.089, 309.345
Yxy	9.7053, 0.2139, 0.1179
Android (android.graphics.Color)	4285215943 (0xFF6B34C7)
YUV	85.2030, 56.1019, 19.1160
Hunter-Lab	31.1533, 46.3259, -82.8259

Details

The RGB color **107, 52, 199** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **144, 199, 52**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **165, 104, 255**, and **44, 0, 144** is the 20% darker color. If you saturate the color by 10%, you get **95, 32, 199**, and if you desaturate by 10%, it is **119, 72, 199**.

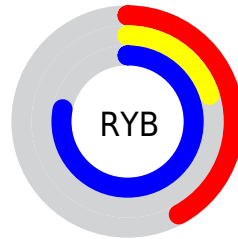
Distribution



Red (42%)

Green (20%)

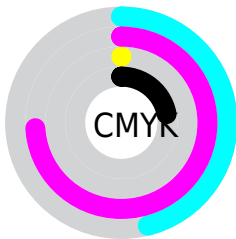
Blue (78%)



Red (42%)

Yellow (20%)

Blue (78%)

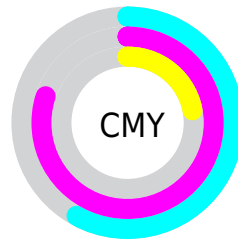


Cyan (46%)

Magenta (74%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (80%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 52, 199 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 107, 52, 199 by changing the saturation by 10% instead.

 107, 52, 199

 107, 52, 199


255, 255, 255

 77, 25, 171

 165, 104, 255

 44, 0, 144

 195, 130, 255

 0, 0, 117

 225, 157, 255

 0, 0, 92


 255, 185, 255

 0, 7, 67

 255, 213, 255

 0, 3, 44

 255, 242, 255

 0, 1, 22

 0, 0, 0

 107, 52, 199

 107, 52, 199

■ 95, 32, 199

■ 119, 72, 199

■ 82, 12, 199

■ 132, 92, 199

■ 74, 0, 199

■ 144, 112, 199

■ 157, 132, 199

■ 169, 152, 199

■ 182, 171, 199

■ 194, 191, 199

■ 207, 211, 199

■ 219, 231, 199

Harmonies

Analogous

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



0, 92, 231



107, 52, 199



182, 0, 139

Triad

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



107, 52, 199



146, 64, 0



0, 114, 109

Complementary

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



107, 52, 199



144, 199, 52

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, 111, 32



107, 52, 199



88, 92, 0

Square

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



107, 52, 199



187, 0, 0



0, 106, 0



0, 114, 177

Rectangle

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



107, 52, 199



200, 0, 93



0, 106, 0



0, 113, 84

Sweetspot

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



107, 52, 199



220, 199, 255



52, 145, 199



107, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 52, 199



113, 28, 255



179, 52, 199



93, 90, 99



61, 0, 163



13, 0, 36

Inverse Universe

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



199, 52, 144



255, 28, 170



72, 199, 52



99, 90, 96



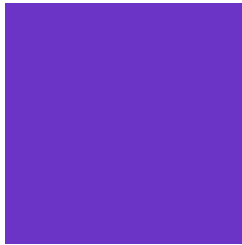
163, 0, 102



36, 0, 22

Previews

White Background



This preview shows how the RGB color 107, 52, 199 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 ✓ Pass

Black Background



This preview shows how the RGB color 107, 52, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 107, 52, 199 Background



This preview shows how black text looks on a background with the RGB color 107, 52, 199.

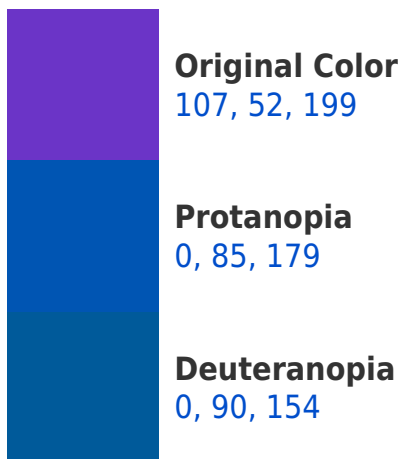


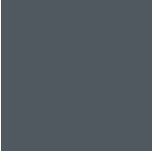
This preview shows how white text looks on a background with the RGB color 107, 52, 199.

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

81, 89, 96

Trichromacy



Original Color
107, 52, 199

Protanomaly
39, 73, 186

Deuteranomaly
39, 76, 170

Tritanomaly
90, 76, 133

Monochromacy



Original Color
107, 52, 199

Achromatopsia
85, 85, 85

Achromatomaly
93, 73, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 52, 199 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(107, 52, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 52, 199)  
}
```

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(107, 52, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 52, 199) }
```

Border

The CSS property to change the border of an element to RGB 107, 52, 199 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(107, 52, 199) }
```

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

```
.border{ border-color:rgb(107, 52, 199) }
```

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

Here you see how a box with a 4 pixel rgb(107, 52, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 52, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 52, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 52,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 107, 52, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 52, 199) }
```

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

```
.background{ background-color: rgb(107, 52,  
199) }
```

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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