

Converting Colors

RGB(112, 75, 193)

Have a look what the booklet for
RGB(112, 75, 193) contains.

RGB(112, 75, 193)	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>	28

Color

RGB(112, 75, 193)

Conversions

Conversions Part 1

Format	Color
Hex	704BC1
RGB	112, 75, 193
RGB Percent	44%, 29%, 76%
CMY	0.5608, 0.7059, 0.2431
CMYK	0.42, 0.61, 0.00, 0.24
HSL	259°, 49%, 53%
HSV	259°, 61%, 76%
XYZ	18.8238, 12.3272, 51.8393
YIQ	99.5150, -15.8260, 44.5420

Conversions

Conversions Part 2

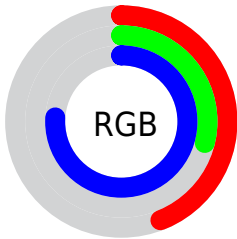
Format	Color
R_{YB}	112, 75, 193
Decimal	7359425
CIE _{Lab}	41.73, 42.60, -56.63
CIE _{LCh}	42, 70.869, 306.954
Yxy	12.3272, 0.2268, 0.1485
Android (android.graphics.Color)	4285549505 (0xFF704BC1)
YUV	99.5150, 46.0881, 10.9493
Hunter-Lab	35.1100, 34.2579, -62.9635

Details

The RGB color **112, 75, 193** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **156, 193, 75**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **169, 125, 250**, and **55, 27, 138** is the 20% darker color. If you saturate the color by 10%, you get **99, 56, 193**, and if you desaturate by 10%, it is **125, 94, 193**.

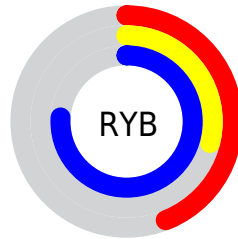
Distribution



Red (44%)

Green (29%)

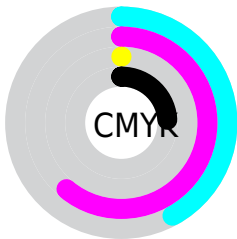
Blue (76%)



Red (44%)

Yellow (29%)

Blue (76%)

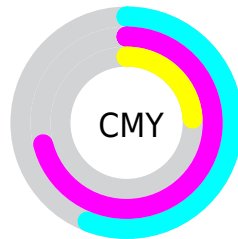


Cyan (42%)

Magenta (61%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (71%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 75, 193 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 112, 75, 193 by changing the saturation by 10% instead.

 112, 75, 193

255, 255, 255

 169, 125, 250

 197, 152, 255

 227, 179, 255

 255, 207, 255

 255, 235, 255

 112, 75, 193

 84, 51, 165

 55, 27, 138

 19, 2, 112

 0, 0, 87

 0, 1, 63

 0, 3, 40

 0, 1, 18

 0, 0, 0

 112, 75, 193

 112, 75, 193

■ 99, 56, 193

■ 125, 94, 193

■ 86, 36, 193

■ 138, 114, 193

■ 72, 17, 193

■ 152, 133, 193

■ 61, 0, 193

■ 165, 152, 193

■ 178, 172, 193

■ 191, 191, 193

■ 205, 210, 193

■ 218, 229, 193

■ 231, 249, 193

Harmonies

Analogous

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



0, 102, 216



112, 75, 193



176, 32, 145

Triad

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



112, 75, 193



155, 78, 0



0, 123, 111

Complementary

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



112, 75, 193



156, 193, 75

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, 120, 49



112, 75, 193



109, 101, 0

Square

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



112, 75, 193



188, 41, 31



40, 114, 0



0, 122, 168

Rectangle

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



112, 75, 193



194, 0, 107



40, 114, 0



0, 122, 91

Sweetspot

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



112, 75, 193



219, 205, 250



75, 158, 193



106, 97, 125



252, 252, 252



125, 125, 125

Same Dimension

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



112, 75, 193



125, 67, 250



169, 75, 193



90, 87, 97



50, 0, 161



10, 0, 33

Inverse Universe

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



193, 75, 156



250, 67, 193



99, 193, 75



97, 87, 94



161, 0, 110



33, 0, 23

Previews

White Background



This preview shows how the RGB color 112, 75, 193 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 112, 75, 193 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 112, 75, 193 Background



This preview shows how black text looks on a background with the RGB color 112, 75, 193.

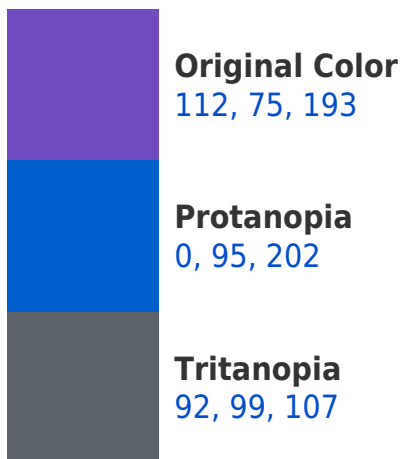


This preview shows how white text looks on a background with the RGB color 112, 75, 193.

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



Trichromacy



Original Color

112, 75, 193



Protanomaly

41, 88, 199



Tritanomaly

99, 90, 138

Monochromacy



Original Color

112, 75, 193



Achromatopsia

100, 100, 100



Achromatomaly

104, 91, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 75, 193 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(112, 75, 193)` looks like.

```
.text, #text, p{  
    color:rgb(112, 75, 193)  
}
```

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(112, 75, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 75, 193) }
```

Border

The CSS property to change the border of an element to RGB 112, 75, 193 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(112, 75, 193) }
```

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

```
.border{ border-color:rgb(112, 75, 193) }
```

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

Here you see how a box with a 4 pixel rgb(112, 75, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 75, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 75, 193);  
box-shadow:4px 4px 4px 4px rgb(112, 75,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 112, 75, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 75, 193) }
```

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

```
.background{ background-color: rgb(112, 75,  
193) }
```

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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