

Converting Colors

RGB(112, 86, 214)

Have a look what the booklet for
RGB(112, 86, 214) contains.

RGB(112, 86, 214)	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(112, 86, 214)

Conversions

Conversions Part 1

Format	Color
Hex	7056D6
RGB	112, 86, 214
RGB Percent	44%, 34%, 84%
CMY	0.5608, 0.6627, 0.1608
CMYK	0.48, 0.60, 0.00, 0.16
HSL	252°, 61%, 59%
HSV	252°, 60%, 84%
XYZ	22.1475, 14.9554, 65.3377
YIQ	108.3660, -25.5920, 45.3200

Conversions

Conversions Part 2

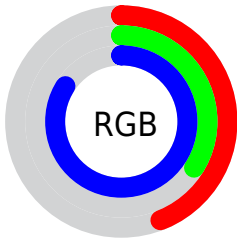
Format	Color
R _{YB}	112, 86, 214
Decimal	7362262
CIE Lab	45.57, 42.28, -62.53
CIE LCh	46, 75.484, 304.063
Yxy	14.9554, 0.2162, 0.1460
Android (android.graphics.Color)	4285552342 (0xFF7056D6)
YUV	108.3660, 52.0776, 3.1870
Hunter-Lab	38.6722, 34.5504, -73.1016

Details

The RGB color **112, 86, 214** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **188, 214, 86**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **170, 137, 255**, and **51, 39, 158** is the 20% darker color. If you saturate the color by 10%, you get **95, 65, 214**, and if you desaturate by 10%, it is **129, 107, 214**.

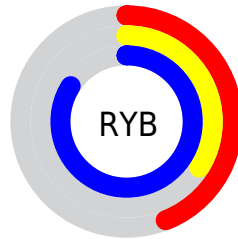
Distribution



Red (44%)

Green (34%)

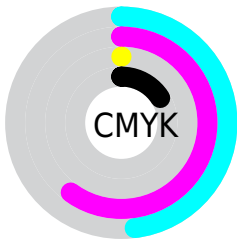
Blue (84%)



Red (44%)

Yellow (34%)

Blue (84%)

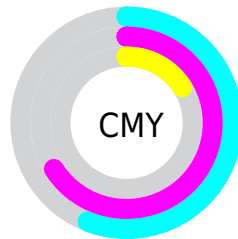


Cyan (48%)

Magenta (60%)

Yellow (0%)

Black (16%)



Cyan (56%)


















Magenta (66%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 86, 214 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, 86, 214 by changing the saturation by 10% instead.

 112, 86, 214	 112, 86, 214
 255, 255, 255	 83, 62, 186
 170, 137, 255	 51, 39, 158
 199, 163, 255	 1, 16, 131
 229, 191, 255	 0, 0, 105
 255, 219, 255	 0, 0, 80
 255, 248, 255	 0, 5, 56
	 0, 2, 34
	 0, 0, 8
	 0, 0, 0

■ 112, 86, 214

■ 112, 86, 214

■ 95, 65, 214

■ 129, 107, 214

■ 78, 43, 214

■ 146, 129, 214

■ 61, 22, 214

■ 163, 150, 214

■ 44, 0, 214

■ 180, 172, 214

■ 43, 0, 214

■ 197, 193, 214

■ 214, 214, 214

■ 231, 236, 214

■ 248, 255, 214

■ 255, 255, 214

Harmonies

Analogous

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



0, 114, 236



112, 86, 214



187, 42, 164

Triad

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



112, 86, 214



174, 82, 0



0, 134, 115

Complementary

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



112, 86, 214



188, 214, 86

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, 131, 48



112, 86, 214



124, 108, 0

Square

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



112, 86, 214



207, 41, 41



55, 123, 0



0, 134, 178

Rectangle

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



112, 86, 214



210, 0, 123



55, 123, 0



0, 133, 93

Sweetspot

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



112, 86, 214



218, 209, 255



86, 188, 214



105, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



112, 86, 214



109, 71, 255



176, 86, 214



99, 96, 107



35, 0, 171



9, 0, 43

Inverse Universe

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



214, 86, 188



255, 71, 218



124, 214, 86



107, 96, 105



171, 0, 136



43, 0, 35

Previews

White Background



This preview shows how the RGB color 112, 86, 214 looks on a white background.

Color Contrast Check

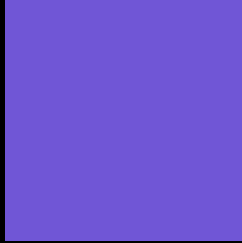
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

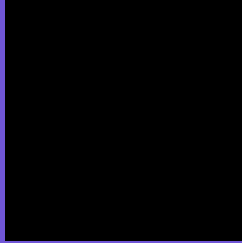
Any Text WCAG AA × Fail

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, 86, 214 Background



This preview shows how black text looks on a background with the RGB color 112, 86, 214.

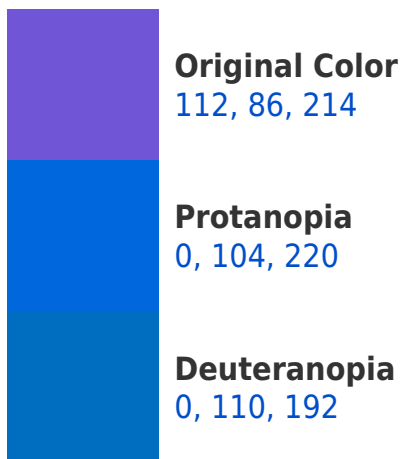


This preview shows how white text looks on a background with the RGB color 112, 86, 214.

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





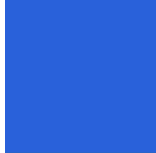
Tritanopia
86, 112, 121

Trichromacy



Original Color

112, 86, 214



Protanomaly

41, 97, 218



Deuteranomaly

41, 101, 200



Tritanomaly

95, 103, 155

Monochromacy



Original Color

112, 86, 214



Achromatopsia

108, 108, 108



Achromatomaly

109, 100, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 86, 214 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, 86, 214)` looks like.

```
.text, #text, p{  
    color:rgb(112, 86, 214)  
}
```

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, 86, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 86, 214) }
```

Border

The CSS property to change the border of an element to RGB 112, 86, 214 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, 86, 214) }
```

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

```
.border{ border-color:rgb(112, 86, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 86, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 86, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 86, 214);  
box-shadow:4px 4px 4px 4px rgb(112, 86,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 112, 86, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 86, 214) }
```

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

```
.background{ background-color: rgb(112, 86,  
214) }
```

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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