

Converting Colors

RGB(114, 96, 204)

Have a look what the booklet for
RGB(114, 96, 204) contains.

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Color

RGB(114, 96, 204)

Conversions

Conversions Part 1

Format	Color
Hex	7260CC
RGB	114, 96, 204
RGB Percent	45%, 38%, 80%
CMY	0.5529, 0.6235, 0.2000
CMYK	0.44, 0.53, 0.00, 0.20
HSL	250°, 51%, 59%
HSV	250°, 53%, 80%
XYZ	22.0214, 16.3028, 59.1128
YIQ	113.6940, -23.9400, 37.4040

Conversions

Conversions Part 2

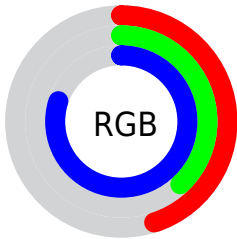
Format	Color
R_{YB}	114, 96, 204
Decimal	7495884
CIE _{Lab}	47.37, 33.95, -53.90
CIE _{LCh}	47, 63.701, 302.207
Yxy	16.3028, 0.2260, 0.1673
Android (android.graphics.Color)	4285685964 (0xFF7260CC)
YUV	113.6940, 44.5209, 0.2684
Hunter-Lab	40.3767, 26.6944, -58.5388

Details

The RGB color **114, 96, 204** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **186, 204, 96**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **170, 147, 255**, and **57, 49, 149** is the 20% darker color. If you saturate the color by 10%, you get **97, 76, 204**, and if you desaturate by 10%, it is **131, 116, 204**.

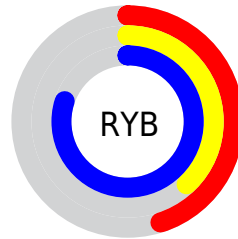
Distribution



Red (45%)

Green (38%)

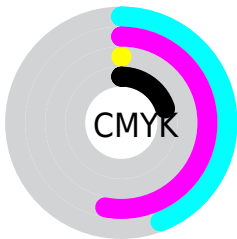
Blue (80%)



Red (45%)

Yellow (38%)

Blue (80%)

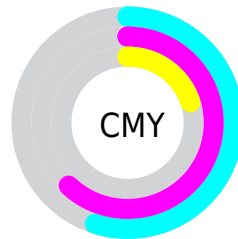


Cyan (44%)

Magenta (53%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (62%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 96, 204 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 114, 96, 204 by changing the saturation by 10% instead.

 114, 96, 204

 114, 96, 204

255, 255, 255

 86, 72, 176

 170, 147, 255

 57, 49, 149

 199, 174, 255

 22, 27, 123

 229, 201, 255

 0, 7, 97

 255, 229, 255

 0, 0, 73

 0, 4, 49


 0, 1, 27

 0, 0, 0


 114, 96, 204

 114, 96, 204

 97, 76, 204

 131, 116, 204


 80, 55, 204

 148, 137, 204

 63, 35, 204

 165, 157, 204

 46, 14, 204

 182, 178, 204

 34, 0, 204

 199, 198, 204

 216, 218, 204

 233, 239, 204

 250, 255, 204

 255, 255, 204

Harmonies

Analogous

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



0, 118, 220



114, 96, 204



179, 68, 163

Triad

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



114, 96, 204



174, 90, 0



0, 136, 115

Complementary

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



114, 96, 204



186, 204, 96

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, 133, 59



114, 96, 204



132, 111, 0

Square

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



114, 96, 204



201, 64, 58



77, 125, 0



0, 136, 168

Rectangle

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



114, 96, 204



200, 52, 129



77, 125, 0



0, 135, 96

Sweetspot

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



114, 96, 204



221, 214, 255



96, 186, 204



107, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 96, 204



119, 92, 255



168, 96, 204



94, 92, 102



28, 0, 166



6, 0, 38

Inverse Universe

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



204, 96, 186



255, 92, 228



132, 204, 96



102, 92, 100



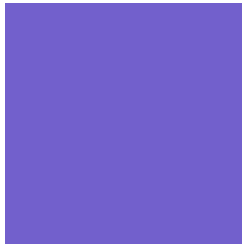
166, 0, 138



38, 0, 32

Previews

White Background



This preview shows how the RGB color 114, 96, 204 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 114, 96, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

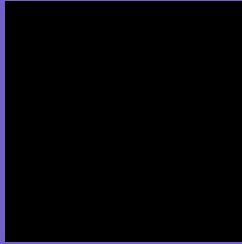
Any Text WCAG AA × Fail

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 114, 96, 204 Background



This preview shows how black text looks on a background with the RGB color 114, 96, 204.

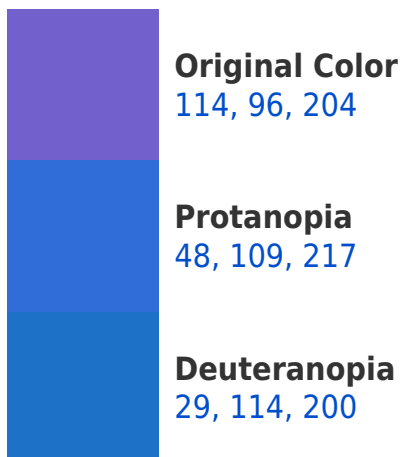


This preview shows how white text looks on a background with the RGB color 114, 96, 204.

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

94, 116, 125

Trichromacy



Original Color
114, 96, 204

Protanomaly
72, 104, 212

Deuteranomaly
60, 107, 201

Tritanomaly
101, 109, 154

Monochromacy



Original Color
114, 96, 204

Achromatopsia
114, 114, 114

Achromatomaly
114, 107, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 96, 204 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(114, 96, 204)` looks like.

```
.text, #text, p{  
    color:rgb(114, 96, 204)  
}
```

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(114, 96, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 96, 204) }
```

Border

The CSS property to change the border of an element to RGB 114, 96, 204 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(114, 96, 204) }
```

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

```
.border{ border-color:rgb(114, 96, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 96, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 96, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 96, 204);  
box-shadow:4px 4px 4px 4px rgb(114, 96,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 114, 96, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 96, 204) }
```

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

```
.background{ background-color: rgb(114, 96,  
204) }
```

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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