

Converting Colors

RGB(116, 99, 225)

Have a look what the booklet for
RGB(116, 99, 225) contains.

RGB(116, 99, 225)	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(116, 99, 225)

Conversions

Conversions Part 1

Format	Color
Hex	7463E1
RGB	116, 99, 225
RGB Percent	45%, 39%, 88%
CMY	0.5451, 0.6118, 0.1176
CMYK	0.48, 0.56, 0.00, 0.12
HSL	248°, 68%, 64%
HSV	248°, 56%, 88%
XYZ	25.2549, 18.0729, 73.3915
YIQ	118.4470, -30.3140, 42.7900

Conversions

Conversions Part 2

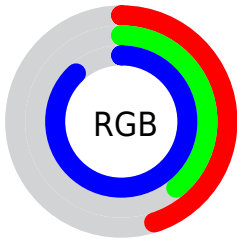
Format	Color
R_{YB}	116, 99, 225
Decimal	7627745
CIE Lab	49.58, 38.75, -62.28
CIE LCh	50, 73.353, 301.891
Yxy	18.0729, 0.2164, 0.1548
Android (android.graphics.Color)	4285817825 (0xFF7463E1)
YUV	118.4470, 52.5306, -2.1460
Hunter-Lab	42.5123, 31.6435, -72.5973

Details

The RGB color **116, 99, 225** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **208, 225, 99**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **174, 150, 255**, and **55, 52, 169** is the 20% darker color. If you saturate the color by 10%, you get **97, 77, 225**, and if you desaturate by 10%, it is **135, 122, 225**.

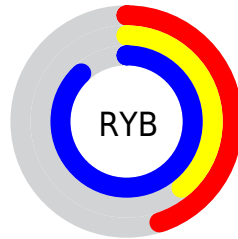
Distribution



Red (45%)

Green (39%)

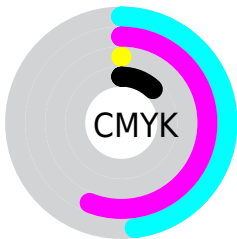
Blue (88%)



Red (45%)

Yellow (39%)

Blue (88%)

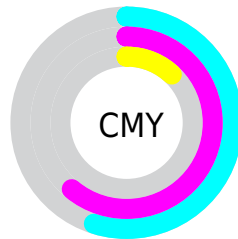


Cyan (48%)

Magenta (56%)

Yellow (0%)

Black (12%)



Cyan (55%)

















Magenta (61%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 99, 225 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 116, 99, 225 by changing the saturation by 10% instead.

 116, 99, 225	 116, 99, 225
 255, 255, 255	 86, 75, 197
 174, 150, 255	 55, 52, 169
 204, 177, 255	 7, 29, 142
 234, 205, 255	 0, 8, 115
 255, 233, 255	 0, 0, 90
	 0, 7, 65
	 0, 3, 42
	 0, 1, 21
	 0, 0, 0

 116, 99, 225

 116, 99, 225


 97, 77, 225

 135, 122, 225


 77, 54, 225


 155, 144, 225

 58, 32, 225

 174, 167, 225

 38, 9, 225

 194, 189, 225

 30, 0, 225

 213, 212, 225

 233, 234, 225

 252, 255, 225

 255, 255, 225

Harmonies

Analogous

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



0, 125, 244



116, 99, 225



194, 62, 178

Triad

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



116, 99, 225



188, 91, 0



0, 144, 120

Complementary

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



116, 99, 225



208, 225, 99

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, 141, 54



116, 99, 225



140, 117, 0

Square

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



116, 99, 225



219, 56, 56



75, 133, 0



0, 144, 183

Rectangle

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



116, 99, 225



218, 38, 138



75, 133, 0



0, 144, 98

Sweetspot

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



116, 99, 225



217, 212, 255



99, 208, 225



105, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



116, 99, 225



107, 84, 255



179, 99, 225



102, 101, 112



24, 0, 176



7, 0, 48

Inverse Universe

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



225, 99, 208



255, 84, 232



145, 225, 99



112, 101, 111



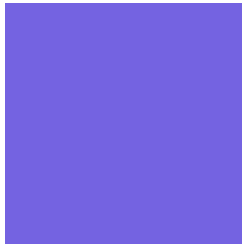
176, 0, 152



48, 0, 42

Previews

White Background



This preview shows how the RGB color 116, 99, 225 looks on a white background.

Color Contrast Check

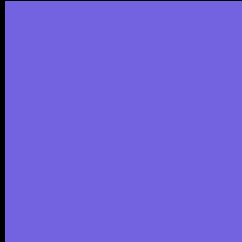
Large Text (above 18pt) WCAG AA ✓ Pass

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 116, 99, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

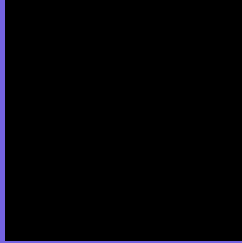
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 116, 99, 225 Background



This preview shows how black text looks on a background with the RGB color 116, 99, 225.

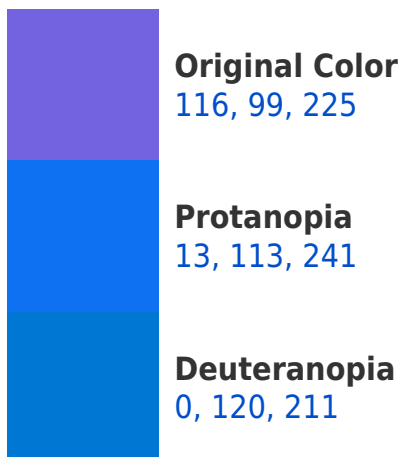


This preview shows how white text looks on a background with the RGB color 116, 99, 225.

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, 123, 133

Trichromacy



Original Color
116, 99, 225

Protanomaly
50, 108, 235

Deuteranomaly
42, 112, 216

Tritanomaly
99, 114, 166

Monochromacy



Original Color
116, 99, 225

Achromatopsia
118, 118, 118

Achromatomaly
117, 111, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 99, 225 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(116, 99, 225)` looks like.

```
.text, #text, p{  
    color:rgb(116, 99, 225)  
}
```

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(116, 99, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 99, 225) }
```

Border

The CSS property to change the border of an element to RGB 116, 99, 225 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(116, 99, 225) }
```

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

```
.border{ border-color:rgb(116, 99, 225) }
```

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

Here you see how a box with a 4 pixel rgb(116, 99, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 99, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 99, 225);  
box-shadow:4px 4px 4px 4px rgb(116, 99,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 116, 99, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 99, 225) }
```

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

```
.background{ background-color: rgb(116, 99,  
225) }
```

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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