

Converting Colors

RGB(196, 115, 228)

Have a look what the booklet for
RGB(196, 115, 228) contains.

RGB(196, 115, 228)	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(196, 115, 228)

Conversions

Conversions Part 1

Format	Color
Hex	C473E4
RGB	196, 115, 228
RGB Percent	77%, 45%, 89%
CMY	0.2314, 0.5490, 0.1059
CMYK	0.14, 0.50, 0.00, 0.11
HSL	283°, 68%, 67%
HSV	283°, 50%, 89%
XYZ	42.8993, 29.5987, 76.8509
YIQ	152.1010, 12.0030, 52.3150

Conversions

Conversions Part 2

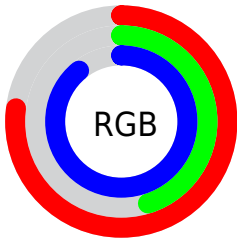
Format	Color
R _Y B	196, 115, 228
Decimal	12874724
CIE Lab	61.31, 50.32, -44.78
CIE LCh	61, 67.362, 318.331
Yxy	29.5987, 0.2872, 0.1982
Android (android.graphics.Color)	4291064804 (0xFFC473E4)
YUV	152.1010, 37.4182, 38.4994
Hunter-Lab	54.4047, 45.5430, -45.6685

Details

The RGB color **196, 115, 228** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **147, 228, 115**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **254, 169, 255**, and **140, 63, 172** is the 20% darker color. If you saturate the color by 10%, you get **190, 92, 228**, and if you desaturate by 10%, it is **202, 138, 228**.

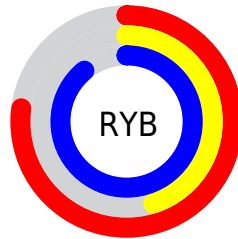
Distribution



Red (77%)

Green (45%)

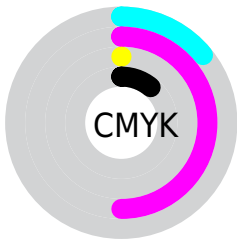
Blue (89%)



Red (77%)

Yellow (45%)

Blue (89%)

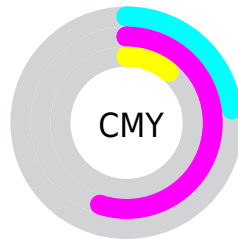


Cyan (14%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 115, 228 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 196, 115, 228 by changing the saturation by 10% instead.

 196, 115, 228


255, 255, 255

 254, 169, 255

 255, 197, 255


 255, 226, 255

255, 255, 255

 196, 115, 228

 168, 89, 200

 140, 63, 172

 113, 36, 145

 86, 1, 119

 59, 0, 94

 36, 0, 69


 0, 0, 46


 0, 1, 24


 0, 0, 0

 196, 115, 228

 196, 115, 228

 190, 92, 228


 202, 138, 228

 183, 69, 228

 209, 161, 228

 177, 47, 228

 215, 183, 228

 170, 24, 228

 222, 206, 228

 164, 1, 228

 228, 229, 228

 163, 0, 228

 235, 252, 228

 241, 255, 228

 248, 255, 228

 254, 255, 228

Harmonies

Analogous

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



98, 142, 255



196, 115, 228



243, 91, 174

Triad

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



196, 115, 228



196, 137, 4



0, 176, 184

Complementary

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



196, 115, 228



147, 228, 115

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, 174, 122



196, 115, 228



142, 156, 1

Square

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



196, 115, 228



236, 112, 60



67, 168, 62



0, 172, 236

Rectangle

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



196, 115, 228



254, 87, 134



67, 168, 62



0, 176, 164

Sweetspot

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



196, 115, 228



244, 217, 255



115, 147, 228



121, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 115, 228



212, 105, 255



228, 115, 204



112, 103, 115



128, 0, 179



37, 0, 51

Inverse Universe

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



228, 115, 147



255, 105, 147



115, 228, 139



115, 103, 107



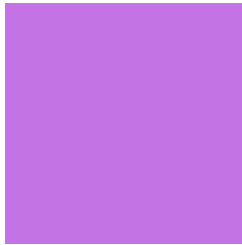
179, 0, 51



51, 0, 14

Previews

White Background



This preview shows how the RGB color 196, 115, 228 looks on a white background.

Color Contrast Check

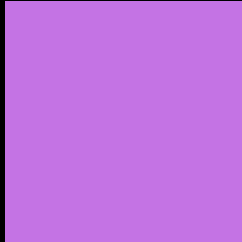
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 196, 115, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

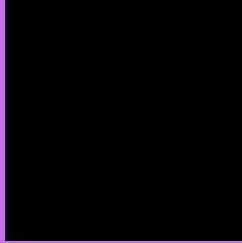
Any Text WCAG AA ✓ Pass

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 196, 115, 228 Background



This preview shows how black text looks on a background with the RGB color 196, 115, 228.

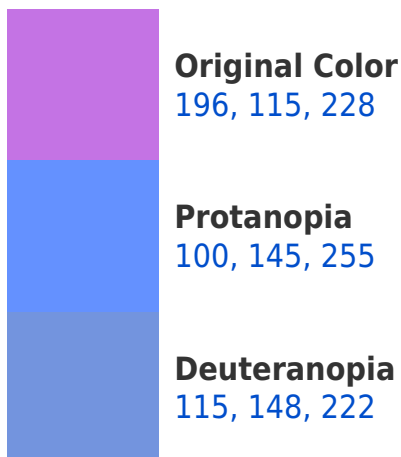



This preview shows how white text looks on a background with the RGB color 196, 115, 228.

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

184, 135, 145

Trichromacy



Original Color

196, 115, 228



Protanomaly

135, 134, 245



Deuteranomaly

144, 136, 224



Tritanomaly

188, 128, 175

Monochromacy



Original Color

196, 115, 228



Achromatopsia

152, 152, 152



Achromatomaly

168, 139, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 115, 228 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(196, 115, 228)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 228)  
}
```

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(196, 115, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 228) }
```

Border

The CSS property to change the border of an element to RGB 196, 115, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

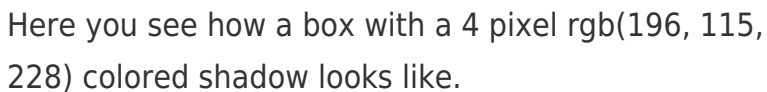
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 115, 228) }
```

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

```
.border{ border-color:rgb(196, 115, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 115, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 228);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 196, 115, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 228) }
```

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

```
.background{ background-color: rgb(196,  
115, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor