

Converting Colors

RGB(196, 93, 207)

Have a look what the booklet for
RGB(196, 93, 207) contains.

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Color

RGB(196, 93, 207)

Conversions

Conversions Part 1

Format	Color
Hex	C45DCF
RGB	196, 93, 207
RGB Percent	77%, 36%, 81%
CMY	0.2314, 0.6353, 0.1882
CMYK	0.05, 0.55, 0.00, 0.19
HSL	294°, 54%, 59%
HSV	294°, 55%, 81%
XYZ	37.9418, 24.0695, 61.6776
YIQ	136.7930, 24.7940, 57.2900

Conversions

Conversions Part 2

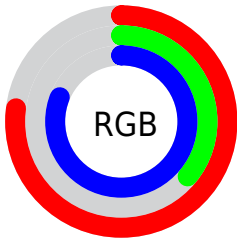
Format	Color
RYB	196, 93, 207
Decimal	12869071
CIELab	56.16, 57.13, -41.07
CIELCh	56, 70.364, 324.287
Yxy	24.0695, 0.3068, 0.1946
Android (android.graphics.Color)	4291059151 (0xFFC45DCF)
YUV	136.7930, 34.6121, 51.9245
Hunter-Lab	49.0606, 52.1896, -40.1952

Details

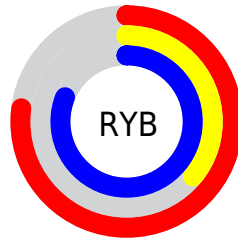
The RGB color **196, 93, 207** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **104, 207, 93**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 148, 255**, and **139, 37, 152** is the 20% darker color. If you saturate the color by 10%, you get **194, 72, 207**, and if you desaturate by 10%, it is **198, 114, 207**.

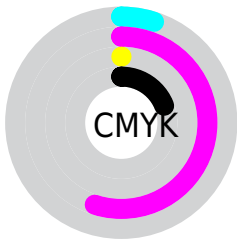
Distribution



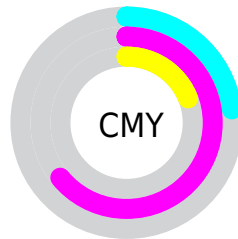
- Red (77%)
- Green (36%)
- Blue (81%)



- Red (77%)
- Yellow (36%)
- Blue (81%)



- Cyan (5%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 93, 207 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, 93, 207 by changing the saturation by 10% instead.

 196, 93, 207

255, 255, 255

 255, 148, 255

 255, 176, 255

 255, 204, 255

 255, 233, 255

 196, 93, 207

 167, 66, 179

 139, 37, 152

 112, 0, 126

 85, 0, 100

 59, 0, 76

 34, 0, 52

 0, 2, 30

 0, 0, 0

 196, 93, 207

 196, 93, 207

194, 72, 207

198, 114, 207

192, 52, 207

200, 134, 207

190, 31, 207

202, 155, 207

188, 10, 207

204, 176, 207

187, 0, 207

206, 197, 207

208, 217, 207

210, 238, 207

212, 255, 207

214, 255, 207

Harmonies

Analogous

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



106, 124, 247



196, 93, 207



236, 67, 149

Triad

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



196, 93, 207



172, 128, 0



0, 162, 183

Complementary

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



196, 93, 207



104, 207, 93

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, 161, 121



196, 93, 207



114, 146, 0

Square

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



196, 93, 207



216, 102, 30



0, 156, 57



0, 158, 234

Rectangle

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



196, 93, 207



242, 67, 108



0, 156, 57



0, 162, 163

Sweetspot

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



196, 93, 207



251, 212, 255



93, 104, 207



125, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 93, 207



239, 87, 255



207, 93, 161



104, 94, 105



152, 0, 168



37, 0, 41

Inverse Universe

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



207, 93, 104



255, 87, 103



93, 207, 139



105, 94, 95



168, 0, 16



41, 0, 4

Previews

White Background



This preview shows how the RGB color 196, 93, 207 looks on a white background.

Color Contrast Check

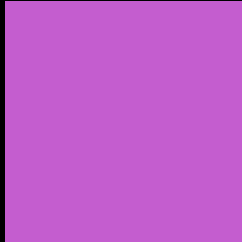
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93, 207 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, 93, 207 Background



This preview shows how black text looks on a background with the RGB color 196, 93, 207.

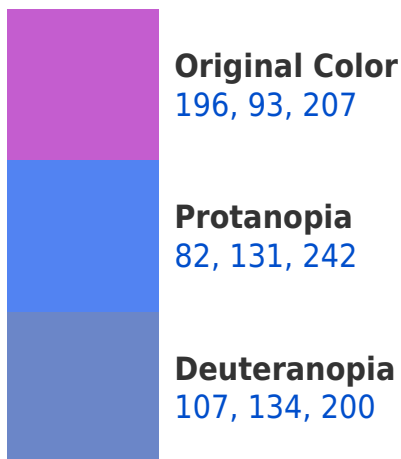



This preview shows how white text looks on a background with the RGB color 196, 93, 207.

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
185, 115, 123

Trichromacy



Original Color

196, 93, 207



Protanomaly

123, 117, 229



Deuteranomaly

139, 119, 203



Tritanomaly

189, 107, 154

Monochromacy



Original Color

196, 93, 207



Achromatopsia

137, 137, 137



Achromatomaly

158, 121, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 93, 207 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, 93, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 93, 207)  
}
```

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, 93, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 93, 207) }
```

Border

The CSS property to change the border of an element to RGB 196, 93, 207 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, 93, 207) }
```

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

```
.border{ border-color:rgb(196, 93, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 93, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 93, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 93, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 93,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 196, 93, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 93, 207) }
```

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

```
.background{ background-color: rgb(196, 93,  
207) }
```

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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