

Converting Colors

RGB(195, 70, 213)

Have a look what the booklet for
RGB(195, 70, 213) contains.

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Color

RGB(195, 70, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C346D5
RGB	195, 70, 213
RGB Percent	76%, 27%, 84%
CMY	0.2353, 0.7255, 0.1647
CMYK	0.08, 0.67, 0.00, 0.16
HSL	292°, 63%, 55%
HSV	292°, 67%, 84%
XYZ	36.7061, 20.7865, 65.0284
YIQ	123.6770, 28.5970, 70.9730

Conversions

Conversions Part 2

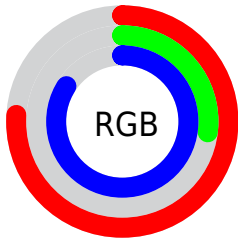
Format	Color
RYB	195, 70, 213
Decimal	12797653
CIELab	52.72, 67.93, -49.95
CIELCh	53, 84.317, 323.670
Yxy	20.7865, 0.2996, 0.1697
Android (android.graphics.Color)	4290987733 (0xFFC346D5)
YUV	123.6770, 44.0362, 62.5503
Hunter-Lab	45.5922, 63.9230, -52.6510

Details

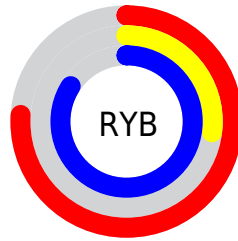
The RGB color **195, 70, 213** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **88, 213, 70**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **255, 127, 255**, and **137, 0, 158** is the 20% darker color. If you saturate the color by 10%, you get **192, 49, 213**, and if you desaturate by 10%, it is **198, 91, 213**.

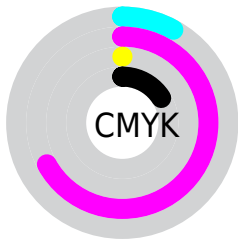
Distribution



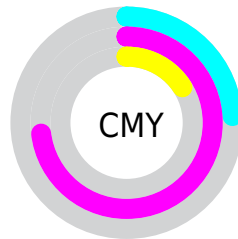
- Red (76%)
- Green (27%)
- Blue (84%)



- Red (76%)
- Yellow (27%)
- Blue (84%)



- Cyan (8%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)




















- Cyan (24%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 70, 213 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 195, 70, 213 by changing the saturation by 10% instead.

 195, 70, 213	 195, 70, 213
 255, 255, 255	 166, 38, 185
 255, 127, 255	 137, 0, 158
 255, 156, 255	 109, 0, 131
 255, 184, 255	 82, 0, 105
 255, 214, 255	 55, 0, 80
 255, 243, 255	 26, 0, 56
	 0, 2, 34
	 0, 0, 7
	 0, 0, 0

■ 195, 70, 213

■ 195, 70, 213

■ 192, 49, 213

■ 198, 91, 213

■ 190, 27, 213

■ 200, 113, 213

■ 187, 6, 213

■ 203, 134, 213

■ 186, 0, 213

■ 206, 155, 213

■ 208, 177, 213

■ 211, 198, 213

■ 214, 219, 213

■ 216, 240, 213

■ 219, 255, 213

Harmonies

Analogous

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



68, 114, 255



195, 70, 213



242, 0, 144

Triad

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



195, 70, 213



166, 118, 0



0, 156, 182

Complementary

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



195, 70, 213



88, 213, 70

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, 155, 108



195, 70, 213



97, 139, 0

Square

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



195, 70, 213



217, 82, 0



0, 150, 24



0, 153, 243

Rectangle

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



195, 70, 213



249, 0, 96



0, 150, 24



0, 156, 158

Sweetspot

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



195, 70, 213



249, 204, 255



70, 89, 213



124, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 70, 213



229, 48, 255



213, 70, 161



106, 96, 107



149, 0, 171



38, 0, 43

Inverse Universe

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



213, 70, 88



255, 48, 74



70, 213, 122



107, 96, 98



171, 0, 22



43, 0, 5

Previews

White Background



This preview shows how the RGB color 195, 70, 213 looks on a white background.

Color Contrast Check

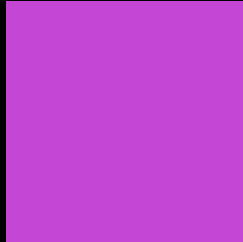
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 70, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

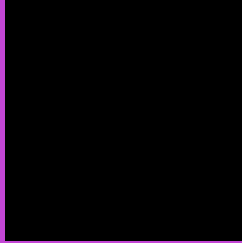
Any Text WCAG AA ✓ Pass

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 195, 70, 213 Background



This preview shows how black text looks on a background with the RGB color 195, 70, 213.

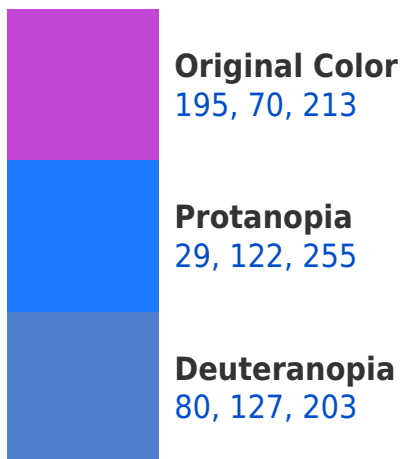



This preview shows how white text looks on a background with the RGB color 195, 70, 213.

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
182, 103, 110

Trichromacy



Original Color

195, 70, 213



Protanomaly

89, 103, 240



Deuteranomaly

122, 106, 207



Tritanomaly

187, 91, 147

Monochromacy



Original Color

195, 70, 213



Achromatopsia

124, 124, 124



Achromatomaly

150, 104, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 70, 213 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(195, 70, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 70, 213)  
}
```

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(195, 70, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 70, 213) }
```

Border

The CSS property to change the border of an element to RGB 195, 70, 213 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(195, 70, 213) }
```

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

```
.border{ border-color:rgb(195, 70, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 70, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 70, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 70, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 70,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 195, 70, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 70, 213) }
```

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

```
.background{ background-color: rgb(195, 70,  
213) }
```

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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