

Converting Colors

RGB(205, 82, 216)

Have a look what the booklet for
RGB(205, 82, 216) contains.

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Color

RGB(205, 82, 216)

Conversions

Conversions Part 1

Format	Color
Hex	CD52D8
RGB	205, 82, 216
RGB Percent	80%, 32%, 85%
CMY	0.1961, 0.6784, 0.1529
CMYK	0.05, 0.62, 0.00, 0.15
HSL	295°, 63%, 58%
HSV	295°, 62%, 85%
XYZ	40.5888, 23.9716, 67.4535
YIQ	134.0530, 30.2940, 67.7500

Conversions

Conversions Part 2

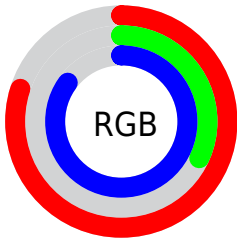
Format	Color
R_{YB}	205, 82, 216
Decimal	13456088
CIE Lab	56.06, 65.92, -46.25
CIE LCh	56, 80.532, 324.945
Yxy	23.9716, 0.3075, 0.1816
Android (android.graphics.Color)	4291646168 (0xFFCD52D8)
YUV	134.0530, 40.3999, 62.2205
Hunter-Lab	48.9608, 62.2962, -47.4115

Details

The RGB color **205, 82, 216** 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 **93, 216, 82**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 139, 255**, and **147, 11, 160** is the 20% darker color. If you saturate the color by 10%, you get **203, 60, 216**, and if you desaturate by 10%, it is **207, 104, 216**.

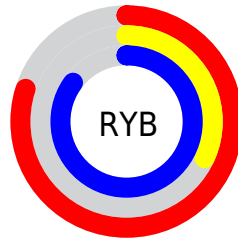
Distribution



Red (80%)

Green (32%)

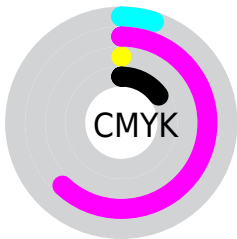
Blue (85%)



Red (80%)

Yellow (32%)

Blue (85%)

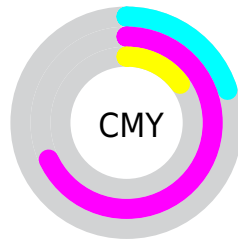


Cyan (5%)

Magenta (62%)

Yellow (0%)

Black (15%)



Cyan (20%)
















Magenta (68%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 82, 216 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 205, 82, 216 by changing the saturation by 10% instead.

 205, 82, 216	 205, 82, 216
255, 255, 255	 176, 52, 188
 255, 139, 255	 147, 11, 160
 255, 167, 255	 119, 0, 134
 255, 196, 255	 92, 0, 108
 255, 225, 255	 64, 0, 83
255, 255, 255	 39, 0, 59
	 0, 0, 36
	 0, 0, 12
	 0, 0, 0

■ 205, 82, 216

■ 205, 82, 216

■ 203, 60, 216

■ 207, 104, 216

■ 201, 39, 216

■ 209, 125, 216

■ 200, 17, 216

■ 210, 147, 216

■ 198, 0, 216

■ 212, 168, 216

■ 214, 190, 216

■ 216, 212, 216

■ 217, 233, 216

■ 219, 255, 216

■ 221, 255, 216

Harmonies

Analogous

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



97, 121, 255



205, 82, 216



249, 42, 149

Triad

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



205, 82, 216



173, 127, 0



0, 164, 192

Complementary

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



205, 82, 216



93, 216, 82

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, 163, 120



205, 82, 216



106, 148, 0

Square

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



205, 82, 216



223, 96, 0



0, 159, 44



0, 160, 249

Rectangle

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



205, 82, 216



255, 43, 103



0, 159, 44



0, 165, 169

Sweetspot

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



205, 82, 216



251, 207, 255



82, 93, 216



125, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 82, 216



240, 66, 255



216, 82, 160



106, 96, 107



157, 0, 171



40, 0, 43

Inverse Universe

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



216, 82, 93



255, 66, 82



82, 216, 138



107, 96, 97



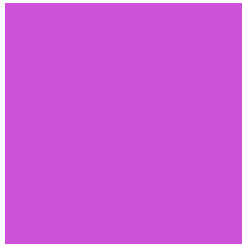
171, 0, 14



43, 0, 4

Previews

White Background



This preview shows how the RGB color 205, 82, 216 looks on a white background.

Color Contrast Check

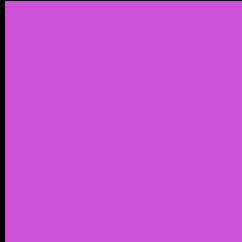
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 82, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

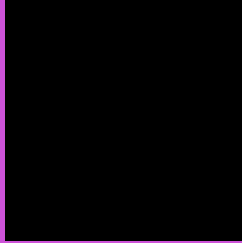
Any Text WCAG AA ✓ Pass

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 205, 82, 216 Background



This preview shows how black text looks on a background with the RGB color 205, 82, 216.

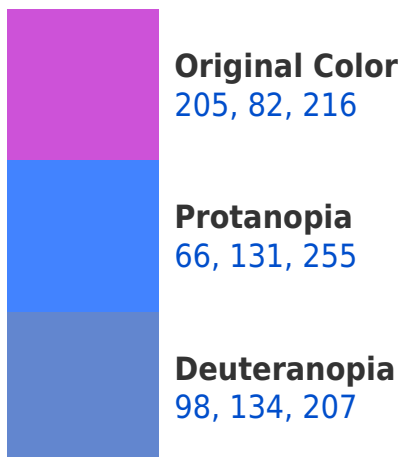


This preview shows how white text looks on a background with the RGB color 205, 82, 216.

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
193, 110, 118

Trichromacy



Original Color
205, 82, 216



Protanomaly
117, 113, 241



Deuteranomaly
137, 115, 210



Tritanomaly
197, 100, 154

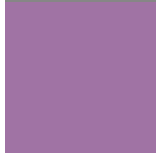
Monochromacy



Original Color
205, 82, 216



Achromatopsia
134, 134, 134



Achromatomaly
160, 115, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 82, 216 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(205, 82, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 82, 216)  
}
```

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(205, 82, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 82, 216) }
```

Border

The CSS property to change the border of an element to RGB 205, 82, 216 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(205, 82, 216) }
```

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

```
.border{ border-color:rgb(205, 82, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 82, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 82, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 82, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 82,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 205, 82, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 82, 216) }
```

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

```
.background{ background-color: rgb(205, 82,  
216) }
```

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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