

Converting Colors

RGB(214, 45, 205)

Have a look what the booklet for
RGB(214, 45, 205) contains.

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Color

RGB(214, 45, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D62DCD
RGB	214, 45, 205
RGB Percent	84%, 18%, 80%
CMY	0.1608, 0.8235, 0.1961
CMYK	0.00, 0.79, 0.04, 0.16
HSL	303°, 67%, 51%
HSV	303°, 79%, 84%
XYZ	39.6894, 20.5807, 59.6382
YIQ	113.7710, 49.3640, 85.5880

Conversions

Conversions Part 2

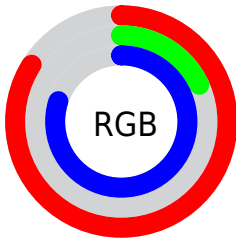
Format	Color
R _{YB}	214, 45, 205
Decimal	14036429
CIE Lab	52.49, 78.52, -45.56
CIE LCh	52, 90.776, 329.877
Yxy	20.5807, 0.3310, 0.1716
Android (android.graphics.Color)	4292226509 (0xFFD62DCD)
YUV	113.7710, 44.9759, 87.9008
Hunter-Lab	45.3659, 76.7742, -46.1867

Details

The RGB color **214, 45, 205** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **45, 214, 54**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **255, 111, 255**, and **155, 0, 150** is the 20% darker color. If you saturate the color by 10%, you get **214, 24, 204**, and if you desaturate by 10%, it is **214, 66, 206**.

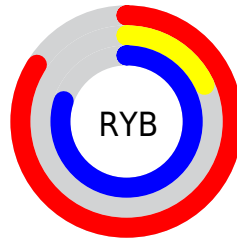
Distribution



Red (84%)

Green (18%)

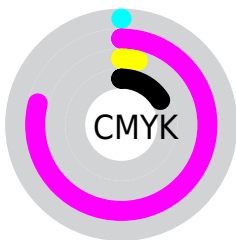
Blue (80%)



Red (84%)

Yellow (18%)

Blue (80%)

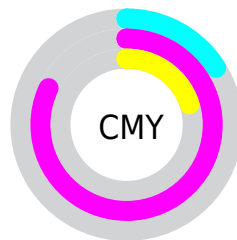


Cyan (0%)

Magenta (79%)

Yellow (4%)

Black (16%)



Cyan (16%)

Magenta (82%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 45, 205 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 214, 45, 205 by changing the saturation by 10% instead.

 214, 45, 205

 214, 45, 205

255, 255, 255

 184, 0, 177

 255, 111, 255

 155, 0, 150

 255, 141, 255

 126, 0, 124

 255, 171, 255

 97, 0, 98

 255, 200, 255

 70, 0, 74

 255, 230, 255

 42, 0, 50

 0, 0, 28

 0, 0, 0

 214, 45, 205

 214, 45, 205

■ 214, 24, 204

■ 214, 66, 206

■ 214, 2, 203

■ 214, 88, 207

■ 214, 0, 203

■ 214, 109, 208

■ 214, 131, 210

■ 214, 152, 211

■ 214, 173, 212

■ 214, 195, 213

■ 214, 216, 214

■ 214, 238, 215

Harmonies

Analogous

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



104, 104, 255



214, 45, 205



254, 0, 129

Triad

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



214, 45, 205



153, 122, 0



0, 157, 202

Complementary

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



214, 45, 205



45, 214, 54

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, 156, 123



214, 45, 205



72, 142, 0

Square

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



214, 45, 205



211, 87, 0



0, 152, 35



0, 152, 255

Rectangle

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



214, 45, 205



255, 0, 78



0, 152, 35



0, 157, 177

Sweetspot

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



214, 45, 205



255, 194, 252



53, 45, 214



128, 91, 126



0, 0, 0



128, 128, 128

Same Dimension

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



214, 45, 205



255, 13, 242



214, 45, 121



107, 96, 107



171, 0, 162



43, 0, 41

Inverse Universe

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



214, 45, 205



255, 13, 242



45, 214, 138



107, 96, 107



171, 0, 162



43, 0, 41

Previews

White Background



This preview shows how the RGB color 214, 45, 205 looks on a white background.

Color Contrast Check

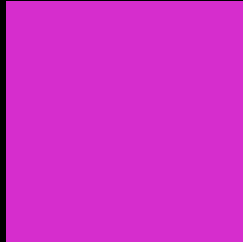
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 45, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

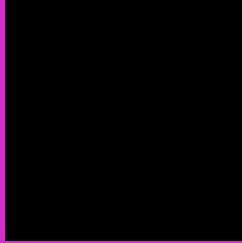
Any Text WCAG AA ✓ Pass

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 214, 45, 205 Background



This preview shows how black text looks on a background with the RGB color 214, 45, 205.

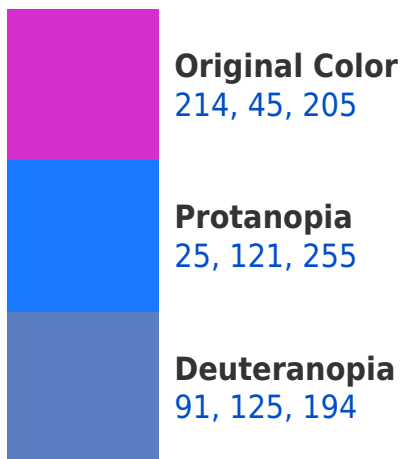



This preview shows how white text looks on a background with the RGB color 214, 45, 205.

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
202, 89, 95

Trichromacy



Original Color

214, 45, 205



Protanomaly

94, 93, 237



Deuteranomaly

136, 96, 198



Tritanomaly

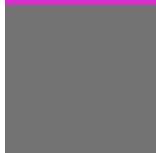
206, 73, 135

Monochromacy



Original Color

214, 45, 205



Achromatopsia

114, 114, 114



Achromatomaly

150, 89, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 45, 205 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(214, 45, 205) looks like.

```
.text, #text, p{  
    color:rgb(214, 45, 205)  
}
```

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(214, 45, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 45, 205) }
```

Border

The CSS property to change the border of an element to RGB 214, 45, 205 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(214, 45, 205) }
```

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

```
.border{ border-color:rgb(214, 45, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 45, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 45, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 45, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 45,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 214, 45, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 45, 205) }
```

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

```
.background{ background-color: rgb(214, 45,  
205) }
```

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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