

Converting Colors

RGB(209, 37, 205)

Have a look what the booklet for
RGB(209, 37, 205) contains.

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Color

RGB(209, 37, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D125CD
RGB	209, 37, 205
RGB Percent	82%, 15%, 80%
CMY	0.1804, 0.8549, 0.1961
CMYK	0.00, 0.82, 0.02, 0.18
HSL	301°, 70%, 48%
HSV	301°, 82%, 82%
XYZ	37.9755, 19.2862, 59.4787
YIQ	107.5800, 48.5840, 88.7120

Conversions

Conversions Part 2

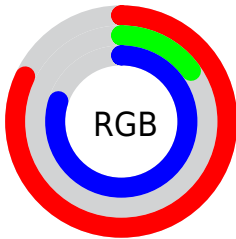
Format	Color
R_{YB}	209, 37, 205
Decimal	13706701
CIE _{Lab}	51.02, 79.38, -47.94
CIE _{LCh}	51, 92.735, 328.872
Yxy	19.2862, 0.3253, 0.1652
Android (android.graphics.Color)	4291896781 (0xFFD125CD)
YUV	107.5800, 48.0281, 88.9453
Hunter-Lab	43.9161, 77.5010, -49.5594

Details

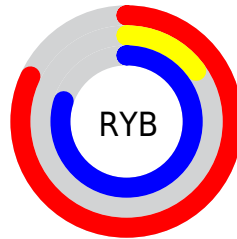
The RGB color **209, 37, 205** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **37, 209, 41**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **255, 106, 255**, and **150, 0, 150** is the 20% darker color. If you saturate the color by 10%, you get **209, 16, 205**, and if you desaturate by 10%, it is **209, 58, 205**.

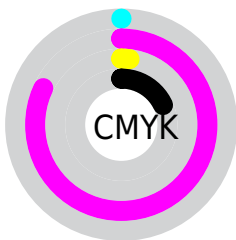
Distribution



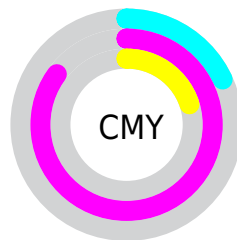
- Red (82%)
- Green (15%)
- Blue (80%)



- Red (82%)
- Yellow (15%)
- Blue (80%)



- Cyan (0%)
- Magenta (82%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (85%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 37, 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 209, 37, 205 by changing the saturation by 10% instead.



209, 37, 205



209, 37, 205

255, 255, 255



179, 0, 177



255, 106, 255



150, 0, 150



255, 136, 255



121, 0, 124



255, 166, 255



93, 0, 98



255, 195, 255



66, 0, 74



255, 225, 255



36, 0, 50



0, 1, 27



0, 0, 0



209, 37, 205



209, 37, 205

■ 209, 16, 205

■ 209, 58, 205

■ 209, 0, 204

■ 209, 79, 206

■ 209, 100, 206

■ 209, 121, 207

■ 209, 142, 207

■ 209, 162, 208

■ 209, 183, 208

■ 209, 204, 209

■ 209, 225, 209

Harmonies

Analogous

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



90, 101, 255



209, 37, 205



251, 0, 128

Triad

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



209, 37, 205



151, 118, 0



0, 153, 197

Complementary

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



209, 37, 205



37, 209, 41

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, 152, 116



209, 37, 205



69, 138, 0

Square

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



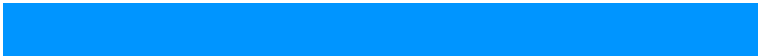
209, 37, 205



210, 80, 0



0, 148, 24



0, 149, 255

Rectangle

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



209, 37, 205



252, 0, 77



0, 148, 24



0, 153, 171

Sweetspot

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



209, 37, 205



255, 191, 254



40, 37, 209



128, 89, 127



0, 0, 0



128, 128, 128

Same Dimension

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



209, 37, 205



255, 3, 249



209, 37, 120



105, 94, 104



168, 0, 164



41, 0, 40

Inverse Universe

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



209, 37, 205



255, 3, 249



37, 209, 126



105, 94, 104



168, 0, 164



41, 0, 40

Previews

White Background



This preview shows how the RGB color 209, 37, 205 looks on a white background.

Color Contrast Check

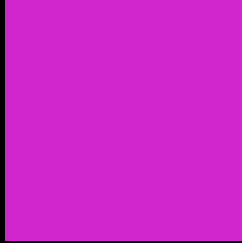
Large Text (above 18pt) WCAG AA ✓ Pass

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 209, 37, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

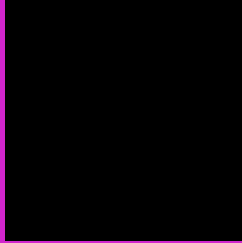
Any Text WCAG AA ✓ Pass

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 209, 37, 205 Background



This preview shows how black text looks on a background with the RGB color 209, 37, 205.

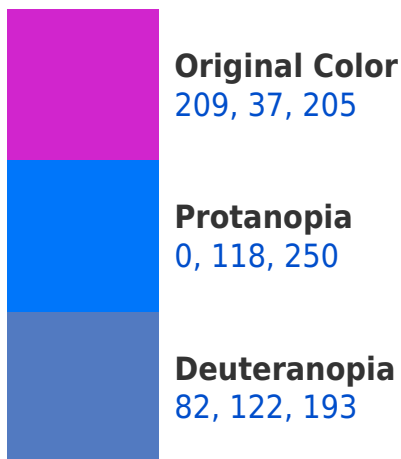


This preview shows how white text looks on a background with the RGB color 209, 37, 205.

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
197, 86, 92

Trichromacy



Original Color

209, 37, 205



Protanomaly

76, 89, 234



Deuteranomaly

128, 91, 197



Tritanomaly

201, 68, 133

Monochromacy



Original Color

209, 37, 205



Achromatopsia

108, 108, 108



Achromatomaly

145, 82, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 37, 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(209, 37, 205)` looks like.

```
.text, #text, p{  
  color:rgb(209, 37, 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(209, 37, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 37, 205) }
```

Border

The CSS property to change the border of an element to RGB 209, 37, 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(209, 37, 205) }
```

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

```
.border{ border-color:rgb(209, 37, 205) }
```

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

Here you see how a box with a 4 pixel rgb(209, 37, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 37, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 37, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 37,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 209, 37, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 37, 205) }
```

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

```
.background{ background-color: rgb(209, 37,  
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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