

Converting Colors

RGB(222, 89, 209)

Have a look what the booklet for
RGB(222, 89, 209) contains.

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Color

RGB(222, 89, 209)

Conversions

Conversions Part 1

Format	Color
Hex	DE59D1
RGB	222, 89, 209
RGB Percent	87%, 35%, 82%
CMY	0.1294, 0.6510, 0.1804
CMYK	0.00, 0.60, 0.06, 0.13
HSL	306°, 67%, 61%
HSV	306°, 60%, 87%
XYZ	45.2052, 27.2778, 63.2042
YIQ	142.4470, 40.7480, 65.5160

Conversions

Conversions Part 2

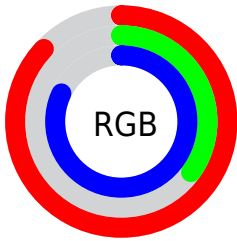
Format	Color
R _{YB}	222, 89, 209
Decimal	14571985
CIE _{Lab}	59.23, 66.02, -37.13
CIE _{LCh}	59, 75.744, 330.647
Yxy	27.2778, 0.3332, 0.2010
Android (android.graphics.Color)	4292762065 (0xFFDE59D1)
YUV	142.4470, 32.8106, 69.7680
Hunter-Lab	52.2282, 63.0984, -35.1904

Details

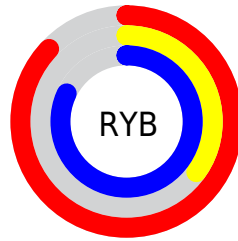
The RGB color **222, 89, 209** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **89, 222, 102**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 146, 255**, and **164, 23, 154** is the 20% darker color. If you saturate the color by 10%, you get **222, 67, 207**, and if you desaturate by 10%, it is **222, 111, 211**.

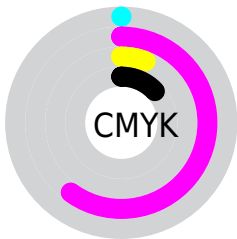
Distribution



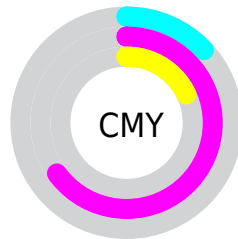
- Red (87%)
- Green (35%)
- Blue (82%)



- Red (87%)
- Yellow (35%)
- Blue (82%)



- Cyan (0%)
- Magenta (60%)
- Yellow (6%)
- Black (13%)



















- Cyan (13%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 89, 209 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 222, 89, 209 by changing the saturation by 10% instead.

 222, 89, 209	 222, 89, 209
 255, 255, 255	 193, 59, 181
 255, 146, 255	 164, 23, 154
 255, 174, 255	 135, 0, 128
 255, 203, 255	 107, 0, 102
 255, 233, 255	 80, 0, 78
	 56, 0, 55
	 23, 0, 32
	 0, 0, 3
	 0, 0, 0

■ 222, 89, 209

■ 222, 89, 209

■ 222, 67, 207

■ 222, 111, 211

■ 222, 45, 205

■ 222, 133, 213

■ 222, 22, 202

■ 222, 156, 216

■ 222, 0, 200

■ 222, 178, 218

■ 222, 0, 200

■ 222, 200, 220

■ 222, 222, 222

■ 222, 244, 224

■ 222, 255, 226

■ 222, 255, 229

Harmonies

Analogous

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



138, 124, 255



222, 89, 209



255, 65, 144

Triad

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



222, 89, 209



170, 140, 0



0, 172, 209

Complementary

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



222, 89, 209



89, 222, 102

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, 172, 142



222, 89, 209



103, 158, 0

Square

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



222, 89, 209



221, 113, 5



0, 168, 73



0, 166, 255

Rectangle

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



222, 89, 209



255, 71, 100



0, 168, 73



0, 172, 188

Sweetspot

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



222, 89, 209



255, 209, 251



100, 89, 222



128, 99, 125



0, 0, 0



128, 128, 128

Same Dimension

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



222, 89, 209



255, 71, 237



222, 89, 144



112, 101, 111



176, 0, 159



48, 0, 44

Inverse Universe

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



222, 89, 209



255, 71, 237



89, 222, 167



112, 101, 111



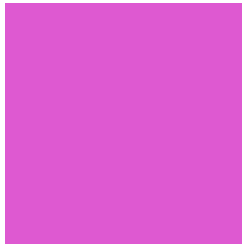
176, 0, 159



48, 0, 44

Previews

White Background



This preview shows how the RGB color 222, 89, 209 looks on a white background.

Color Contrast Check

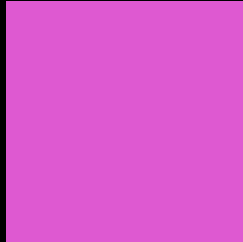
Large Text (above 18pt) WCAG AA ✓ Pass

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 222, 89, 209 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 222, 89, 209 Background



This preview shows how black text looks on a background with the RGB color 222, 89, 209.

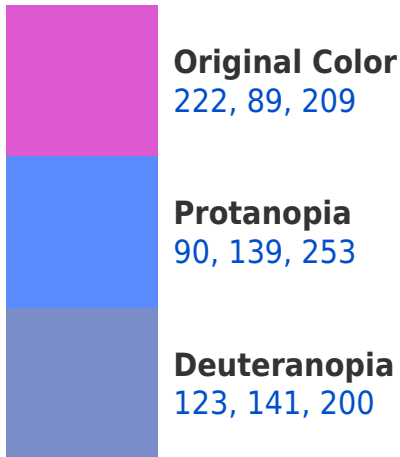


This preview shows how white text looks on a background with the RGB color 222, 89, 209.

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
212, 113, 121

Trichromacy



Original Color

222, 89, 209



Protanomaly

138, 121, 237



Deuteranomaly

159, 122, 203



Tritanomaly

216, 104, 153

Monochromacy



Original Color

222, 89, 209



Achromatopsia

142, 142, 142



Achromatomaly

171, 123, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 89, 209 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(222, 89, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 89, 209)  
}
```

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(222, 89, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 89, 209) }
```

Border

The CSS property to change the border of an element to RGB 222, 89, 209 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(222, 89, 209) }
```

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

```
.border{ border-color:rgb(222, 89, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 89, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 89, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 89, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 89,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 222, 89, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 89, 209) }
```

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

```
.background{ background-color: rgb(222, 89,  
209) }
```

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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