

Converting Colors

RGB(235, 61, 209)

Have a look what the booklet for
RGB(235, 61, 209) contains.

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Color

RGB(235, 61, 209)

Conversions

Conversions Part 1

Format	Color
Hex	EB3DD1
RGB	235, 61, 209
RGB Percent	92%, 24%, 82%
CMY	0.0784, 0.7608, 0.1804
CMYK	0.00, 0.74, 0.11, 0.08
HSL	309°, 81%, 58%
HSV	309°, 74%, 92%
XYZ	47.4383, 25.6031, 62.7632
YIQ	129.8980, 56.1960, 82.9160

Conversions

Conversions Part 2

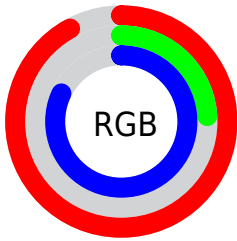
Format	Color
R _Y B	235, 61, 209
Decimal	15416785
CIE Lab	57.66, 79.12, -39.45
CIE LCh	58, 88.410, 333.498
Yxy	25.6031, 0.3493, 0.1885
Android (android.graphics.Color)	4293606865 (0xFFEB3DD1)
YUV	129.8980, 38.9973, 92.1745
Hunter-Lab	50.5995, 78.7991, -38.1232

Details

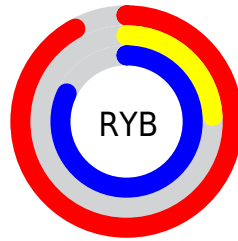
The RGB color **235, 61, 209** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **61, 235, 87**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 125, 255**, and **175, 0, 154** is the 20% darker color. If you saturate the color by 10%, you get **235, 37, 205**, and if you desaturate by 10%, it is **235, 85, 213**.

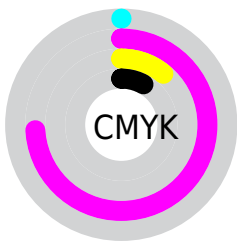
Distribution



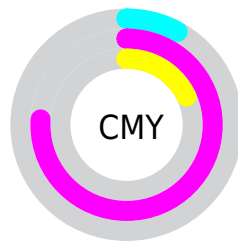
- Red (92%)
- Green (24%)
- Blue (82%)



- Red (92%)
- Yellow (24%)
- Blue (82%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (8%)




















- Cyan (8%)
- Magenta (76%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 61, 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 235, 61, 209 by changing the saturation by 10% instead.

 235, 61, 209	 235, 61, 209
 255, 255, 255	 205, 11, 181
 255, 125, 255	 175, 0, 154
 255, 155, 255	 146, 0, 128
 255, 184, 255	 117, 0, 102
 255, 214, 255	 88, 0, 77
 255, 244, 255	 62, 0, 54
	 31, 0, 32
	 0, 0, 2
	 0, 0, 0

■ 235, 61, 209

■ 235, 61, 209

■ 235, 37, 205

■ 235, 85, 213

■ 235, 14, 202

■ 235, 108, 216

■ 235, 0, 200

■ 235, 132, 220

■ 235, 155, 223

■ 235, 179, 227

■ 235, 202, 230

■ 235, 226, 234

■ 235, 249, 237

■ 235, 255, 241

Harmonies

Analogous

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



142, 113, 255



235, 61, 209



255, 0, 133

Triad

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



235, 61, 209



160, 139, 0



0, 170, 223

Complementary

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



235, 61, 209



61, 235, 87

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, 171, 146



235, 61, 209



77, 157, 0

Square

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



235, 61, 209



221, 107, 0



0, 167, 63



0, 164, 255

Rectangle

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



235, 61, 209



255, 37, 83



0, 167, 63



0, 171, 198

Sweetspot

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



235, 61, 209



255, 199, 247



84, 61, 235



128, 94, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 61, 209



255, 28, 221



235, 61, 125



117, 106, 116



181, 0, 154



54, 0, 46

Inverse Universe

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



235, 61, 209



255, 28, 221



61, 235, 171



117, 106, 116



181, 0, 154



54, 0, 46

Previews

White Background



This preview shows how the RGB color 235, 61, 209 looks on a white background.

Color Contrast Check

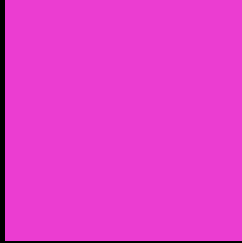
Large Text (above 18pt) WCAG AA ✓ Pass

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 235, 61, 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 235, 61, 209 Background



This preview shows how black text looks on a background with the RGB color 235, 61, 209.

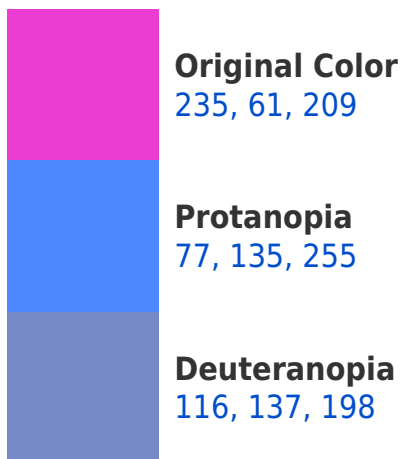


This preview shows how white text looks on a background with the RGB color 235, 61, 209.

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
225, 97, 103

Trichromacy



Original Color

235, 61, 209



Protanomaly

134, 108, 238



Deuteranomaly

159, 109, 202



Tritanomaly

229, 84, 142

Monochromacy



Original Color

235, 61, 209



Achromatopsia

130, 130, 130



Achromatomaly

168, 105, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 61, 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(235, 61, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 61, 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(235, 61, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 61, 209) }
```

Border

The CSS property to change the border of an element to RGB 235, 61, 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(235, 61, 209) }
```

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

```
.border{ border-color:rgb(235, 61, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 61, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 61, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 61, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 61,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 235, 61, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 61, 209) }
```

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

```
.background{ background-color: rgb(235, 61,  
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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