

Converting Colors

RGB(237, 97, 249)

Have a look what the booklet for
RGB(237, 97, 249) contains.

RGB(237, 97, 249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(237, 97, 249)

Conversions

Conversions Part 1

Format	Color
Hex	ED61F9
RGB	237, 97, 249
RGB Percent	93%, 38%, 98%
CMY	0.0706, 0.6196, 0.0235
CMYK	0.05, 0.61, 0.00, 0.02
HSL	295°, 93%, 68%
HSV	295°, 61%, 98%
XYZ	56.2986, 33.3935, 93.1008
YIQ	156.1880, 34.6480, 76.9520

Conversions

Conversions Part 2

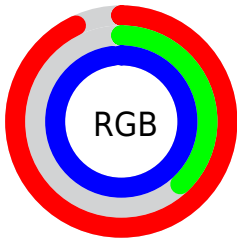
Format	Color
R _Y B	237, 97, 249
Decimal	15557113
CIE Lab	64.48, 73.02, -51.07
CIE LCh	64, 89.110, 325.030
Yxy	33.3935, 0.3080, 0.1827
Android (android.graphics.Color)	4293747193 (0xFFED61F9)
YUV	156.1880, 45.7563, 70.8721
Hunter-Lab	57.7871, 72.7749, -55.0712

Details

The RGB color **237, 97, 249** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **109, 249, 97**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 155, 255**, and **178, 30, 192** is the 20% darker color. If you saturate the color by 10%, you get **235, 72, 249**, and if you desaturate by 10%, it is **239, 122, 249**.

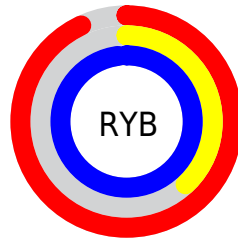
Distribution



Red (93%)

Green (38%)

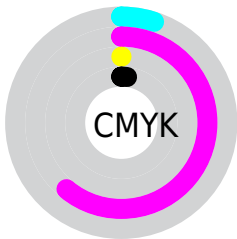
Blue (98%)



Red (93%)

Yellow (38%)

Blue (98%)

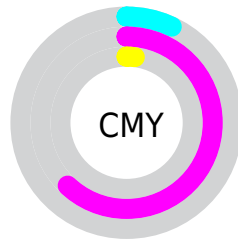


Cyan (5%)

Magenta (61%)

Yellow (0%)

Black (2%)



Cyan (7%)
















Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 237, 97, 249 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 237, 97, 249 by changing the saturation by 10% instead.

 237, 97, 249	 237, 97, 249
255, 255, 255	 207, 67, 220
 255, 155, 255	 178, 30, 192
 255, 184, 255	 149, 0, 164
 255, 213, 255	 120, 0, 137
 255, 243, 255	 92, 0, 111
	 64, 0, 86
	 37, 0, 62
	 0, 0, 39
	 0, 1, 16


 237, 97, 249


 237, 97, 249


 235, 72, 249

 239, 122, 249

 233, 47, 249

 241, 147, 249

 231, 22, 249


 243, 172, 249

 229, 0, 249

 245, 197, 249

 247, 221, 249

 249, 246, 249

 251, 255, 249

 253, 255, 249

 255, 255, 249

Harmonies

Analogous

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



115, 141, 255



237, 97, 249



255, 52, 173

Triad

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



237, 97, 249



200, 149, 0



0, 191, 222

Complementary

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



237, 97, 249



109, 249, 97

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, 190, 140



237, 97, 249



124, 171, 0

Square

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



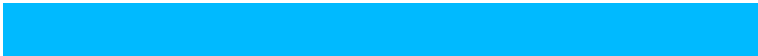
237, 97, 249



255, 113, 0



0, 184, 55



0, 186, 255

Rectangle

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



237, 97, 249



255, 54, 120



0, 184, 55



0, 191, 196

Sweetspot

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



237, 97, 249



251, 209, 255



97, 110, 249



125, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 97, 249



240, 69, 255



249, 97, 186



124, 112, 125



174, 0, 189



56, 0, 61

Inverse Universe

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



249, 97, 109



255, 69, 84



97, 249, 160



125, 112, 113



189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RGB color 237, 97, 249 looks on a white background.

Color Contrast Check

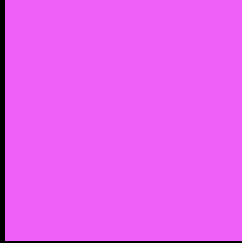
Large Text (above 18pt) WCAG AA × Fail

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 237, 97, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

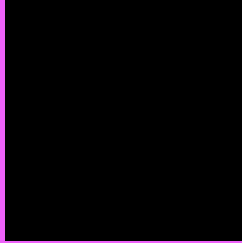
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 237, 97, 249 Background



This preview shows how black text looks on a background with the RGB color 237, 97, 249.

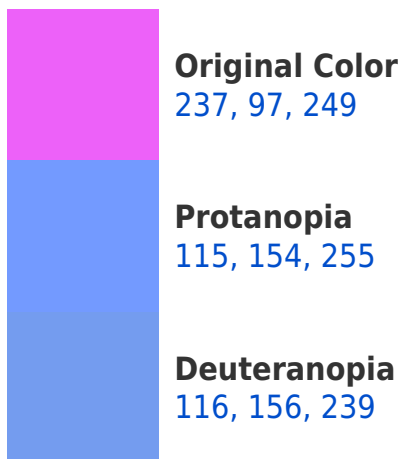



This preview shows how white text looks on a background with the RGB color 237, 97, 249.

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
223, 129, 138

Trichromacy



Original Color

237, 97, 249



Protanomaly

159, 133, 253



Deuteranomaly

160, 135, 243



Tritanomaly

228, 117, 178

Monochromacy



Original Color

237, 97, 249



Achromatopsia

156, 156, 156



Achromatomaly

185, 135, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 97, 249 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(237, 97, 249)` looks like.

```
.text, #text, p{  
    color:rgb(237, 97, 249)  
}
```

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(237, 97, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 97, 249) }
```

Border

The CSS property to change the border of an element to RGB 237, 97, 249 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(237, 97, 249) }
```

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

```
.border{ border-color:rgb(237, 97, 249) }
```

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

Here you see how a box with a 4 pixel rgb(237, 97, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 97, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 97, 249);  
box-shadow:4px 4px 4px 4px rgb(237, 97,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 237, 97, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 97, 249) }
```

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

```
.background{ background-color: rgb(237, 97,  
249) }
```

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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