

Converting Colors

RGB(238, 57, 249)

Have a look what the booklet for
RGB(238, 57, 249) contains.

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Color

RGB(238, 57, 249)

Conversions

Conversions Part 1

Format	Color
Hex	EE39F9
RGB	238, 57, 249
RGB Percent	93%, 22%, 98%
CMY	0.0667, 0.7765, 0.0235
CMYK	0.04, 0.77, 0.00, 0.02
HSL	297°, 94%, 60%
HSV	297°, 77%, 98%
XYZ	53.8219, 27.9430, 92.1793
YIQ	133.0070, 46.2440, 98.0840

Conversions

Conversions Part 2

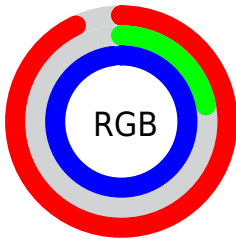
Format	Color
R _Y B	238, 57, 249
Decimal	15612409
CIE Lab	59.84, 86.78, -58.45
CIE LCh	60, 104.623, 326.038
Yxy	27.9430, 0.3094, 0.1606
Android (android.graphics.Color)	4293802489 (0xFFEE39F9)
YUV	133.0070, 57.1845, 92.0789
Hunter-Lab	52.8611, 89.2375, -66.3873

Details

The RGB color **238, 57, 249** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **68, 249, 57**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 124, 255**, and **177, 0, 192** is the 20% darker color. If you saturate the color by 10%, you get **237, 32, 249**, and if you desaturate by 10%, it is **239, 82, 249**.

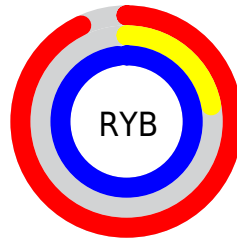
Distribution



Red (93%)

Green (22%)

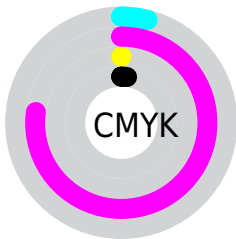
Blue (98%)



Red (93%)

Yellow (22%)

Blue (98%)

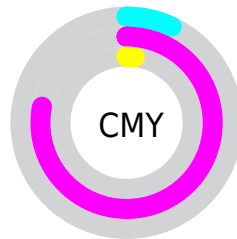


Cyan (4%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (7%)


















Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 57, 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 238, 57, 249 by changing the saturation by 10% instead.

 238, 57, 249	 238, 57, 249
 255, 255, 255	 208, 0, 220
 255, 124, 255	 177, 0, 192
 255, 154, 255	 148, 0, 164
 255, 184, 255	 118, 0, 137
 255, 215, 255	 89, 0, 111
 255, 245, 255	 63, 0, 86
	 30, 0, 61
	 0, 3, 38
	 0, 1, 15

■ 238, 57, 249

■ 238, 57, 249

■ 237, 32, 249

■ 239, 82, 249

■ 235, 7, 249

■ 241, 107, 249

■ 235, 0, 249

■ 242, 132, 249

■ 244, 157, 249

■ 245, 181, 249

■ 247, 206, 249

■ 248, 231, 249

■ 249, 255, 249

■ 251, 255, 249

Harmonies

Analogous

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



78, 125, 255



238, 57, 249



255, 0, 161

Triad

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



238, 57, 249



186, 137, 0



0, 181, 224

Complementary

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



238, 57, 249



68, 249, 57

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, 180, 129



238, 57, 249



95, 162, 0

Square

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



238, 57, 249



252, 90, 0



0, 174, 11



0, 177, 255

Rectangle

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



238, 57, 249



255, 0, 100



0, 174, 11



0, 181, 193

Sweetspot

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



238, 57, 249



252, 196, 255



57, 70, 249



125, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 57, 249



241, 18, 255



249, 57, 166



124, 112, 125



178, 0, 189



58, 0, 61

Inverse Universe

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



249, 57, 68



255, 18, 31



57, 249, 140



125, 112, 113



189, 0, 11



61, 0, 4

Previews

White Background



This preview shows how the RGB color 238, 57, 249 looks on a white background.

Color Contrast Check

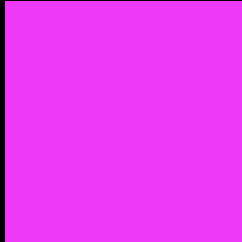
Large Text (above 18pt) WCAG AA ✓ Pass

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 238, 57, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

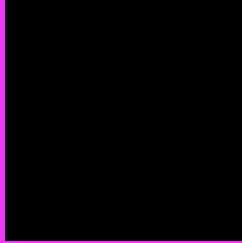
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 238, 57, 249 Background



This preview shows how black text looks on a background with the RGB color 238, 57, 249.



This preview shows how white text looks on a background with the RGB color 238, 57, 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



Original Color
238, 57, 249

Protanopia
89, 141, 255

Deuteranopia
87, 145, 236



Tritanopia
222, 108, 116

Trichromacy



Original Color

238, 57, 249



Protanomaly

143, 110, 253



Deuteranomaly

142, 113, 241



Tritanomaly

228, 89, 164

Monochromacy



Original Color

238, 57, 249



Achromatopsia

133, 133, 133



Achromatomaly

171, 105, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 57, 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(238, 57, 249)` looks like.

```
.text, #text, p{  
  color:rgb(238, 57, 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(238, 57, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 57, 249) }
```

Border

The CSS property to change the border of an element to RGB 238, 57, 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(238, 57, 249) }
```

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

```
.border{ border-color:rgb(238, 57, 249) }
```

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

Here you see how a box with a 4 pixel rgb(238, 57, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 57, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 57, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 57,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 238, 57, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 57, 249) }
```

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

```
.background{ background-color: rgb(238, 57,  
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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