

Converting Colors

RGB(234, 48, 233)

Have a look what the booklet for
RGB(234, 48, 233) contains.

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Color

RGB(234, 48, 233)

Conversions

Conversions Part 1

Format	Color
Hex	EA30E9
RGB	234, 48, 233
RGB Percent	92%, 19%, 91%
CMY	0.0824, 0.8118, 0.0863
CMYK	0.00, 0.79, 0.00, 0.08
HSL	300°, 82%, 55%
HSV	300°, 79%, 92%
XYZ	49.6966, 25.4895, 79.3915
YIQ	124.7040, 51.4710, 96.9670

Conversions

Conversions Part 2

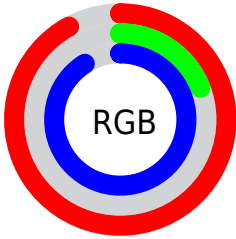
Format	Color
RYB	234, 48, 233
Decimal	15347945
CIELab	57.55, 85.79, -53.20
CIELCh	58, 100.945, 328.194
Yxy	25.4895, 0.3215, 0.1649
Android (android.graphics.Color)	4293538025 (0xFFEA30E9)
YUV	124.7040, 53.3899, 95.8526
Hunter-Lab	50.4871, 87.3525, -57.8930

Details

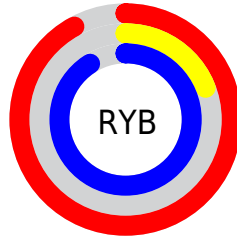
The RGB color **234, 48, 233** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **48, 234, 49**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 117, 255**, and **174, 0, 176** is the 20% darker color. If you saturate the color by 10%, you get **234, 25, 233**, and if you desaturate by 10%, it is **234, 71, 233**.

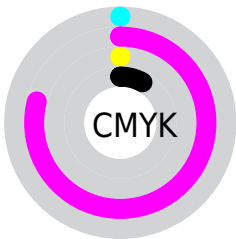
Distribution



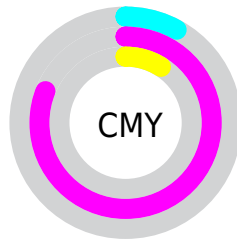
- Red (92%)
- Green (19%)
- Blue (91%)



- Red (92%)
- Yellow (19%)
- Blue (91%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (8%)




















- Cyan (8%)
- Magenta (81%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 48, 233 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 234, 48, 233 by changing the saturation by 10% instead.

 234, 48, 233	 234, 48, 233
 255, 255, 255	 204, 0, 204
 255, 117, 255	 174, 0, 176
 255, 148, 255	 144, 0, 149
 255, 178, 255	 115, 0, 123
 255, 208, 255	 86, 0, 97
 255, 239, 255	 59, 0, 73
	 27, 0, 49
	 0, 1, 27
	 0, 0, 0

 234, 48, 233

 234, 48, 233


 234, 25, 233


 234, 71, 233


 234, 1, 233


 234, 95, 233

 234, 0, 233

 234, 118, 233

 234, 142, 234

 234, 165, 234

 234, 188, 234

 234, 212, 234

 234, 235, 234

 234, 255, 234

Harmonies

Analogous

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



98, 117, 255



234, 48, 233



255, 0, 148

Triad

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



234, 48, 233



173, 133, 0



0, 174, 220

Complementary

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



234, 48, 233



48, 234, 49

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, 130



234, 48, 233



83, 156, 0

Square

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



234, 48, 233



238, 91, 0



0, 168, 26



0, 169, 255

Rectangle

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



234, 48, 233



255, 0, 90



0, 168, 26



0, 174, 191

Sweetspot

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



234, 48, 233



255, 194, 255



48, 48, 234



128, 91, 127



0, 0, 0



128, 128, 128

Same Dimension

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



234, 48, 233



255, 13, 254



234, 48, 141



117, 106, 117



181, 0, 180



54, 0, 53

Inverse Universe

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



234, 48, 233



255, 13, 254



48, 234, 141



117, 106, 117



181, 0, 180



54, 0, 53

Previews

White Background



This preview shows how the RGB color 234, 48, 233 looks on a white background.

Color Contrast Check

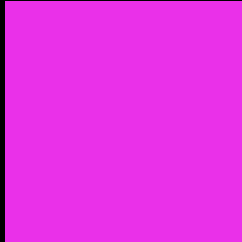
Large Text (above 18pt) WCAG AA ✓ Pass

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 234, 48, 233 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 234, 48, 233 Background



This preview shows how black text looks on a background with the RGB color 234, 48, 233.

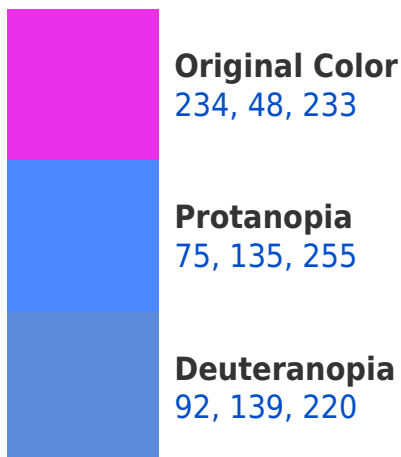



This preview shows how white text looks on a background with the RGB color 234, 48, 233.

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
220, 100, 106

Trichromacy



Original Color

234, 48, 233



Protanomaly

133, 103, 247



Deuteranomaly

144, 106, 225



Tritanomaly

225, 81, 152

Monochromacy



Original Color

234, 48, 233



Achromatopsia

125, 125, 125



Achromatomaly

165, 97, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 48, 233 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(234, 48, 233) looks like.

```
.text, #text, p{  
    color:rgb(234, 48, 233)  
}
```

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(234, 48, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 48, 233) }
```

Border

The CSS property to change the border of an element to RGB 234, 48, 233 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(234, 48, 233) }
```

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

```
.border{ border-color:rgb(234, 48, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 48, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 48, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 48, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 48,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 234, 48, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 48, 233) }
```

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

```
.background{ background-color: rgb(234, 48,  
233) }
```

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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