

Converting Colors

RGB(234, 74, 239)

Have a look what the booklet for
RGB(234, 74, 239) contains.

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Color

RGB(234, 74, 239)

Conversions

Conversions Part 1

Format	Color
Hex	EA4AEF
RGB	234, 74, 239
RGB Percent	92%, 29%, 94%
CMY	0.0824, 0.7098, 0.0627
CMYK	0.02, 0.69, 0.00, 0.06
HSL	298°, 84%, 61%
HSV	298°, 69%, 94%
XYZ	51.9605, 28.6220, 84.4473
YIQ	140.6500, 42.3950, 85.2350

Conversions

Conversions Part 2

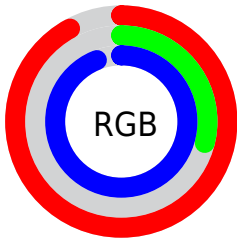
Format	Color
RYB	234, 74, 239
Decimal	15354607
CIELab	60.45, 79.32, -51.95
CIELCh	60, 94.822, 326.779
Yxy	28.6220, 0.3149, 0.1734
Android (android.graphics.Color)	4293544687 (0xFFEA4AEF)
YUV	140.6500, 48.4865, 81.8679
Hunter-Lab	53.4995, 79.7408, -56.1378

Details

The RGB color **234, 74, 239** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **79, 239, 74**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 135, 255**, and **174, 0, 182** is the 20% darker color. If you saturate the color by 10%, you get **233, 50, 239**, and if you desaturate by 10%, it is **235, 98, 239**.

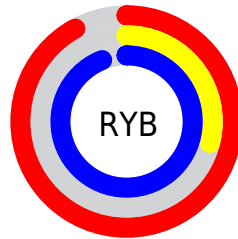
Distribution



Red (92%)

Green (29%)

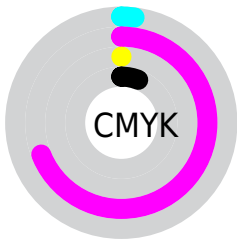
Blue (94%)



Red (92%)

Yellow (29%)

Blue (94%)

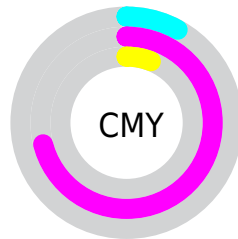


Cyan (2%)

Magenta (69%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (71%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 74, 239 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, 74, 239 by changing the saturation by 10% instead.



234, 74, 239



234, 74, 239

255, 255, 255



204, 37, 210



255, 135, 255



174, 0, 182



255, 165, 255



145, 0, 155



255, 194, 255



116, 0, 128



255, 224, 255



88, 0, 102

255, 255, 255



62, 0, 78



30, 0, 54




0, 2, 31




0, 0, 2

 234, 74, 239

 234, 74, 239


 233, 50, 239

 235, 98, 239

 233, 26, 239

 235, 122, 239

 232, 2, 239

 236, 146, 239

 232, 0, 239

 237, 170, 239

 238, 194, 239

 238, 217, 239

 239, 241, 239

 240, 255, 239

 241, 255, 239

Harmonies

Analogous

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



105, 128, 255



234, 74, 239



255, 0, 159

Triad

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



234, 74, 239



184, 140, 0



0, 180, 220

Complementary

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



234, 74, 239



79, 239, 74

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, 179, 134



234, 74, 239



102, 162, 0

Square

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



234, 74, 239



246, 100, 0



0, 174, 40



0, 176, 255

Rectangle

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



234, 74, 239



255, 0, 103



0, 174, 40



0, 181, 192

Sweetspot

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



234, 74, 239



253, 201, 255



74, 79, 239



127, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 74, 239



249, 43, 255



239, 74, 162



119, 108, 120



178, 0, 184



54, 0, 56

Inverse Universe

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



239, 74, 79



255, 43, 50



74, 239, 151



120, 108, 108



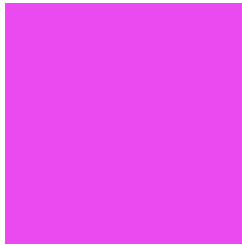
184, 0, 6



56, 0, 2

Previews

White Background



This preview shows how the RGB color 234, 74, 239 looks on a white background.

Color Contrast Check

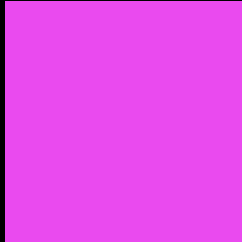
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

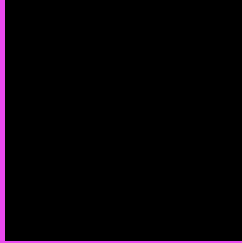
Any Text WCAG AA ✓ Pass

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, 74, 239 Background



This preview shows how black text looks on a background with the RGB color 234, 74, 239.

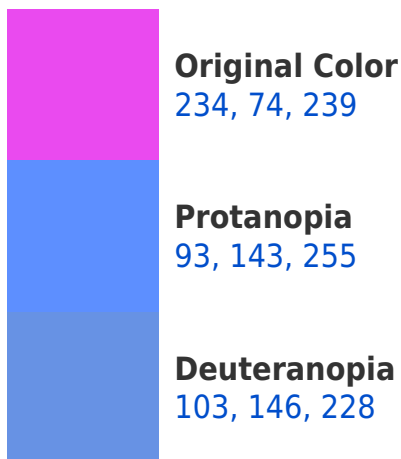



This preview shows how white text looks on a background with the RGB color 234, 74, 239.

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, 113, 121

Trichromacy



Original Color
234, 74, 239



Protanomaly
144, 118, 249



Deuteranomaly
151, 120, 232



Tritanomaly
225, 99, 164

Monochromacy



Original Color
234, 74, 239



Achromatopsia
141, 141, 141



Achromatomaly
175, 117, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 74, 239 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, 74, 239) looks like.

```
.text, #text, p{  
    color:rgb(234, 74, 239)  
}
```

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, 74, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 74, 239) }
```

Border

The CSS property to change the border of an element to RGB 234, 74, 239 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, 74, 239) }
```

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

```
.border{ border-color:rgb(234, 74, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 74, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 74, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 74, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 74,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 234, 74, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 74, 239) }
```

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

```
.background{ background-color: rgb(234, 74,  
239) }
```

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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