

Converting Colors

RGB(234, 47, 169)

Have a look what the booklet for
RGB(234, 47, 169) contains.

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Color

RGB(234, 47, 169)

Conversions

Conversions Part 1

Format	Color
Hex	EA2FA9
RGB	234, 47, 169
RGB Percent	92%, 18%, 66%
CMY	0.0824, 0.8157, 0.3373
CMYK	0.00, 0.80, 0.28, 0.08
HSL	321°, 82%, 55%
HSV	321°, 80%, 92%
XYZ	42.1096, 22.3900, 39.6384
YIQ	116.8210, 72.2900, 77.5860

Conversions

Conversions Part 2

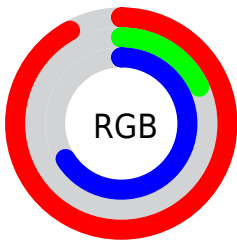
Format	Color
RYB	234, 47, 169
Decimal	15347625
CIELab	54.44, 77.56, -21.36
CIElCh	54, 80.443, 344.601
Yxy	22.3900, 0.4044, 0.2150
Android (android.graphics.Color)	4293537705 (0xFFEA2FA9)
YUV	116.8210, 25.7242, 102.7660
Hunter-Lab	47.3181, 76.0452, -16.5446

Details

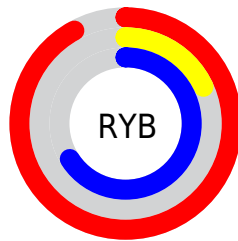
The RGB color **234, 47, 169** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **47, 234, 112**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 114, 224**, and **173, 0, 117** is the 20% darker color. If you saturate the color by 10%, you get **234, 24, 161**, and if you desaturate by 10%, it is **234, 70, 177**.

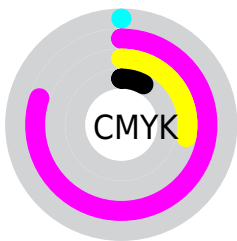
Distribution



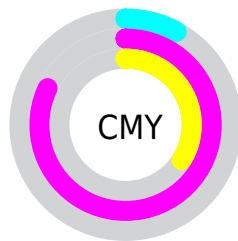
- Red (92%)
- Green (18%)
- Blue (66%)



- Red (92%)
- Yellow (18%)
- Blue (66%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 47, 169 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, 47, 169 by changing the saturation by 10% instead.

 234, 47, 169

255, 255, 255

 255, 114, 224

 255, 144, 253

 255, 174, 255

 255, 204, 255

 255, 234, 255

 234, 47, 169

 203, 0, 142

 173, 0, 117

 144, 0, 92

 114, 0, 68

 86, 0, 46

 57, 0, 25

 22, 0, 0

 0, 0, 0

 234, 47, 169

 234, 47, 169

■ 234, 24, 161

■ 234, 70, 177

■ 234, 0, 153

■ 234, 94, 185

■ 234, 0, 153

■ 234, 117, 193

■ 234, 141, 202

■ 234, 164, 210

■ 234, 187, 218

■ 234, 211, 226

■ 234, 234, 234

■ 234, 255, 242

Harmonies

Analogous

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



173, 92, 231



234, 47, 169



250, 35, 100

Triad

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



234, 47, 169



127, 138, 0



0, 158, 227

Complementary

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



234, 47, 169



47, 234, 112

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, 160, 163



234, 47, 169



25, 151, 0

Square

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



234, 47, 169



187, 114, 0



0, 158, 91



0, 149, 255

Rectangle

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



234, 47, 169



240, 63, 55



0, 158, 91



0, 159, 208

Sweetspot

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



234, 47, 169



255, 194, 234



109, 47, 234



128, 91, 115



0, 0, 0



128, 128, 128

Same Dimension

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



234, 47, 169



255, 10, 170



234, 47, 78



117, 106, 113



181, 0, 118



54, 0, 35

Inverse Universe

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



234, 47, 169



255, 10, 170



47, 234, 203



117, 106, 113



181, 0, 118



54, 0, 35

Previews

White Background



This preview shows how the RGB color 234, 47, 169 looks on a white background.

Color Contrast Check

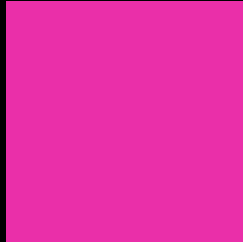
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47, 169 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, 47, 169 Background



This preview shows how black text looks on a background with the RGB color 234, 47, 169.

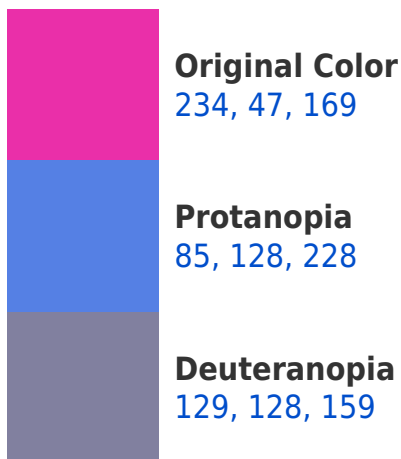


This preview shows how white text looks on a background with the RGB color 234, 47, 169.

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
227, 77, 82

Trichromacy



Original Color

234, 47, 169



Protanomaly

139, 99, 207



Deuteranomaly

167, 99, 163



Tritanomaly

230, 66, 114

Monochromacy



Original Color

234, 47, 169



Achromatopsia

117, 117, 117



Achromatomaly

160, 92, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 47, 169 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, 47, 169)` looks like.

```
.text, #text, p{  
    color:rgb(234, 47, 169)  
}
```

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, 47, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 47, 169) }
```

Border

The CSS property to change the border of an element to RGB 234, 47, 169 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, 47, 169) }
```

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

```
.border{ border-color:rgb(234, 47, 169) }
```

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

Here you see how a box with a 4 pixel rgb(234, 47, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 47, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 47, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 47,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 234, 47, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 47, 169) }
```

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

```
.background{ background-color: rgb(234, 47,  
169) }
```

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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