

Converting Colors

RGB(234, 89, 162)

Have a look what the booklet for
RGB(234, 89, 162) contains.

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Color

RGB(234, 89, 162)

Conversions

Conversions Part 1

Format	Color
Hex	EA59A2
RGB	234, 89, 162
RGB Percent	92%, 35%, 64%
CMY	0.0824, 0.6510, 0.3647
CMYK	0.00, 0.62, 0.31, 0.08
HSL	330°, 78%, 63%
HSV	330°, 62%, 92%
XYZ	44.0257, 27.2458, 37.1210
YIQ	140.6770, 62.9870, 53.4430

Conversions

Conversions Part 2

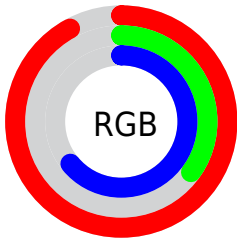
Format	Color
RYB	234, 89, 162
Decimal	15358370
CIELab	59.20, 62.72, -10.06
CIELCh	59, 63.523, 350.888
Yxy	27.2458, 0.4062, 0.2514
Android (android.graphics.Color)	4293548450 (0xFFEA59A2)
YUV	140.6770, 10.5122, 81.8443
Hunter-Lab	52.1975, 59.2089, -5.6266

Details

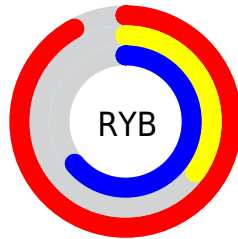
The RGB color **234, 89, 162** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **89, 234, 161**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 146, 217**, and **174, 23, 110** is the 20% darker color. If you saturate the color by 10%, you get **234, 66, 150**, and if you desaturate by 10%, it is **234, 112, 174**.

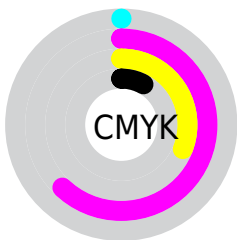
Distribution



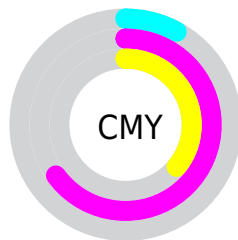
- Red (92%)
- Green (35%)
- Blue (64%)



- Red (92%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 89, 162 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, 89, 162 by changing the saturation by 10% instead.

 234, 89, 162

 234, 89, 162

255, 255, 255

 204, 59, 136

 255, 146, 217

 174, 23, 110

 255, 174, 245

 145, 0, 86

 255, 203, 255

 116, 0, 63

 255, 233, 255

 88, 0, 41

 63, 0, 21

 30, 0, 1

 0, 0, 0

 234, 89, 162

 234, 89, 162

■ 234, 66, 150

■ 234, 112, 174

■ 234, 42, 139

■ 234, 136, 185

■ 234, 19, 127

■ 234, 159, 197

■ 234, 0, 118

■ 234, 183, 208

■ 234, 206, 220

■ 234, 229, 232

■ 234, 253, 243

■ 234, 255, 255

■ 234, 255, 255

Harmonies

Analogous

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



193, 110, 214



234, 89, 162



242, 90, 106

Triad

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



234, 89, 162



133, 151, 18



0, 165, 228

Complementary

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



234, 89, 162



89, 234, 161

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, 169, 181



234, 89, 162



59, 162, 67

Square

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



234, 89, 162



184, 134, 11



0, 168, 123



0, 154, 253

Rectangle

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



234, 89, 162



232, 103, 72



0, 168, 123



0, 167, 214

Sweetspot

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



234, 89, 162



255, 207, 231



159, 89, 234



128, 98, 113



0, 0, 0



128, 128, 128

Same Dimension

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



234, 89, 162



255, 66, 161



234, 89, 91



117, 106, 111



181, 0, 91



54, 0, 27

Inverse Universe

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



234, 89, 162



255, 66, 161



89, 234, 232



117, 106, 111



181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 234, 89, 162 looks on a white background.

Color Contrast Check

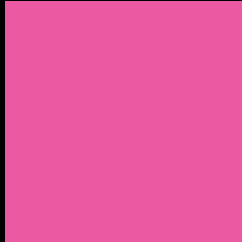
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 162 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, 89, 162 Background



This preview shows how black text looks on a background with the RGB color 234, 89, 162.

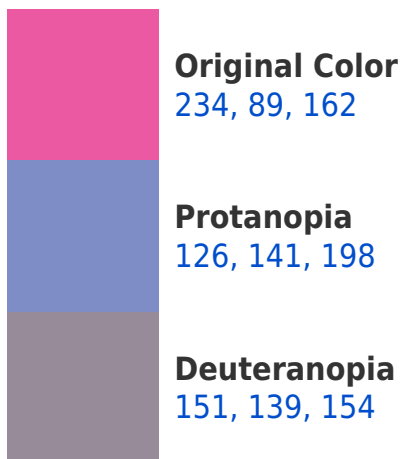


This preview shows how white text looks on a background with the RGB color 234, 89, 162.

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
230, 101, 108

Trichromacy



Original Color

234, 89, 162



Protanomaly

165, 122, 185



Deuteranomaly

181, 121, 157



Tritanomaly

231, 97, 128

Monochromacy



Original Color

234, 89, 162



Achromatopsia

141, 141, 141



Achromatomaly

175, 122, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 89, 162 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, 89, 162) looks like.

```
.text, #text, p{  
    color:rgb(234, 89, 162)  
}
```

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, 89, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 89, 162) }
```

Border

The CSS property to change the border of an element to RGB 234, 89, 162 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, 89, 162) }
```

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

```
.border{ border-color:rgb(234, 89, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 89, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 89, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 89, 162);  
box-shadow:4px 4px 4px 4px rgb(234, 89,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 234, 89, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 89, 162) }
```

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

```
.background{ background-color: rgb(234, 89,  
162) }
```

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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