

Converting Colors

RGB(234, 87, 175)

Have a look what the booklet for
RGB(234, 87, 175) contains.

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Color

RGB(234, 87, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EA57AF
RGB	234, 87, 175
RGB Percent	92%, 34%, 69%
CMY	0.0824, 0.6588, 0.3137
CMYK	0.00, 0.63, 0.25, 0.08
HSL	324°, 78%, 63%
HSV	324°, 63%, 92%
XYZ	45.0777, 27.4040, 43.4711
YIQ	140.9850, 59.3640, 58.5320

Conversions

Conversions Part 2

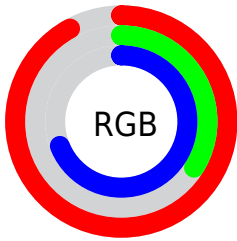
Format	Color
R _{YB}	234, 87, 175
Decimal	15357871
CIE _{Lab}	59.35, 65.15, -17.36
CIE _{LCh}	59, 67.427, 345.079
Yxy	27.4040, 0.3888, 0.2363
Android (android.graphics.Color)	4293547951 (0xFFEA57AF)
YUV	140.9850, 16.7694, 81.5742
Hunter-Lab	52.3488, 62.0966, -12.5910

Details

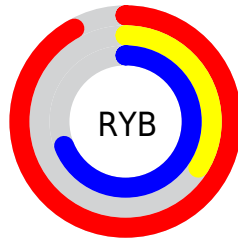
The RGB color **234, 87, 175** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **87, 234, 146**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 144, 231**, and **175, 17, 122** is the 20% darker color. If you saturate the color by 10%, you get **234, 64, 166**, and if you desaturate by 10%, it is **234, 110, 184**.

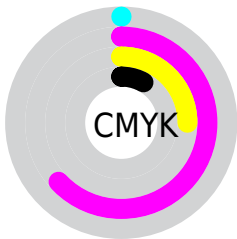
Distribution



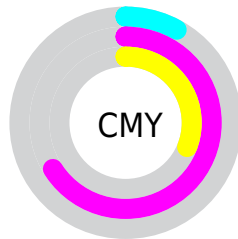
- Red (92%)
- Green (34%)
- Blue (69%)



- Red (92%)
- Yellow (34%)
- Blue (69%)



- Cyan (0%)
- Magenta (63%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 87, 175 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, 87, 175 by changing the saturation by 10% instead.

 234, 87, 175

 234, 87, 175

255, 255, 255

 204, 57, 148

 255, 144, 231

 175, 17, 122

 255, 173, 255

 145, 0, 97

 255, 202, 255

 117, 0, 74

 255, 232, 255

 89, 0, 51

 63, 0, 30

 33, 0, 1

 0, 0, 0

 234, 87, 175

 234, 87, 175

■ 234, 64, 166

■ 234, 110, 184

■ 234, 40, 156

■ 234, 134, 194

■ 234, 17, 147

■ 234, 157, 203

■ 234, 0, 140

■ 234, 181, 213

■ 234, 204, 222

■ 234, 227, 231

■ 234, 251, 241

■ 234, 255, 250

■ 234, 255, 255

Harmonies

Analogous

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



183, 113, 227



234, 87, 175



248, 83, 116

Triad

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



234, 87, 175



143, 149, 0



0, 167, 226

Complementary

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



234, 87, 175



87, 234, 146

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, 170, 172



234, 87, 175



72, 162, 51

Square

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



234, 87, 175



195, 129, 0



0, 168, 110



0, 158, 255

Rectangle

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



234, 87, 175



241, 95, 78



0, 168, 110



0, 169, 210

Sweetspot

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



234, 87, 175



255, 207, 236



146, 87, 234



128, 98, 116



0, 0, 0



128, 128, 128

Same Dimension

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



234, 87, 175



255, 64, 178



234, 87, 102



117, 106, 113



181, 0, 108



54, 0, 32

Inverse Universe

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



234, 87, 175



255, 64, 178



87, 234, 219



117, 106, 113



181, 0, 108



54, 0, 32

Previews

White Background



This preview shows how the RGB color 234, 87, 175 looks on a white background.

Color Contrast Check

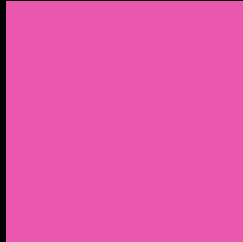
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87, 175 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, 87, 175 Background



This preview shows how black text looks on a background with the RGB color 234, 87, 175.



This preview shows how white text looks on a background with the RGB color 234, 87, 175.

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
234, 87, 175

Protanopia
118, 141, 214

Deuteranopia
146, 140, 167



Tritanopia
228, 103, 110

Trichromacy



Original Color

234, 87, 175



Protanomaly

160, 121, 200



Deuteranomaly

178, 121, 170



Tritanomaly

230, 97, 134

Monochromacy



Original Color

234, 87, 175



Achromatopsia

141, 141, 141



Achromatomaly

175, 121, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 87, 175 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, 87, 175) looks like.

```
.text, #text, p{  
    color:rgb(234, 87, 175)  
}
```

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, 87, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 87, 175) }
```

Border

The CSS property to change the border of an element to RGB 234, 87, 175 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, 87, 175) }
```

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

```
.border{ border-color:rgb(234, 87, 175) }
```

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

Here you see how a box with a 4 pixel rgb(234, 87, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 87, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 87, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 87,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 234, 87, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 87, 175) }
```

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

```
.background{ background-color: rgb(234, 87,  
175) }
```

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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