

Converting Colors

RGB(234, 0, 195)

Have a look what the booklet for
RGB(234, 0, 195) contains.

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Color

RGB(234, 0, 195)

Conversions

Conversions Part 1

Format	Color
Hex	EA00C3
RGB	234, 0, 195
RGB Percent	92%, 0%, 76%
CMY	0.0824, 1.0000, 0.2353
CMYK	0.00, 1.00, 0.17, 0.08
HSL	310°, 100%, 46%
HSV	310°, 100%, 92%
XYZ	43.7820, 21.4326, 53.4591
YIQ	92.1960, 76.8690, 110.2530

Conversions

Conversions Part 2

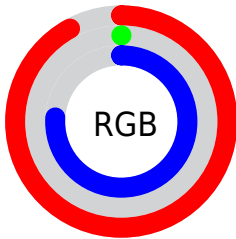
Format	Color
RYB	234, 0, 195
Decimal	15335619
CIELab	53.42, 86.93, -38.09
CIELCh	53, 94.906, 336.338
Yxy	21.4326, 0.3689, 0.1806
Android (android.graphics.Color)	4293525699 (0xFFEA00C3)
YUV	92.1960, 50.6824, 124.3621
Hunter-Lab	46.2953, 87.7927, -36.0579

Details

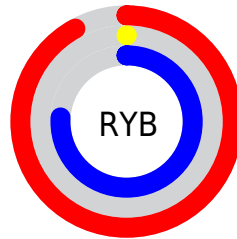
The RGB color **234, 0, 195** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **0, 234, 39**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **255, 98, 252**, and **173, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **234, 0, 195**, and if you desaturate by 10%, it is **234, 23, 199**.

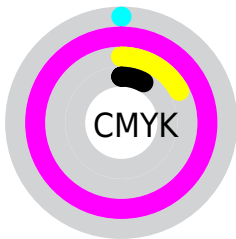
Distribution



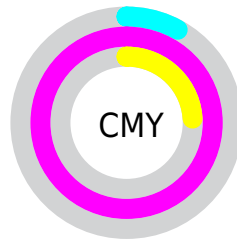
- Red (92%)
- Green (0%)
- Blue (76%)



- Red (92%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (8%)


















- Cyan (8%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 0, 195 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, 0, 195 by changing the saturation by 10% instead.

 234, 0, 195	 234, 0, 195
255, 255, 255	 203, 0, 168
 255, 98, 252	 173, 0, 141
 255, 130, 255	 143, 0, 115
 255, 161, 255	 114, 0, 90
 255, 191, 255	 85, 0, 66
 255, 222, 255	 56, 0, 43
255, 253, 255	 24, 0, 20
	 0, 0, 0

 234, 0, 195

■ 234, 23, 199

■ 234, 47, 203

■ 234, 70, 207

■ 234, 94, 211

■ 234, 117, 214

■ 234, 140, 218

■ 234, 164, 222

■ 234, 187, 226

■ 234, 211, 230

Harmonies

Analogous

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



141, 95, 255



234, 0, 195



255, 0, 114

Triad

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



234, 0, 195



140, 130, 0



0, 160, 224

Complementary

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



234, 0, 195



0, 234, 39

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, 144



234, 0, 195



37, 148, 0

Square

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



234, 0, 195



206, 97, 0



0, 156, 55



0, 153, 255

Rectangle

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



234, 0, 195



255, 0, 62



0, 156, 55



0, 160, 199

Sweetspot

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



234, 0, 195



255, 179, 242



39, 0, 234



128, 82, 120



0, 0, 0



128, 128, 128

Same Dimension

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



234, 0, 195



255, 0, 212



234, 0, 78



117, 106, 115



181, 0, 151



54, 0, 45

Inverse Universe

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



234, 0, 195



255, 0, 212



0, 234, 156



117, 106, 115



181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RGB color 234, 0, 195 looks on a white background.

Color Contrast Check

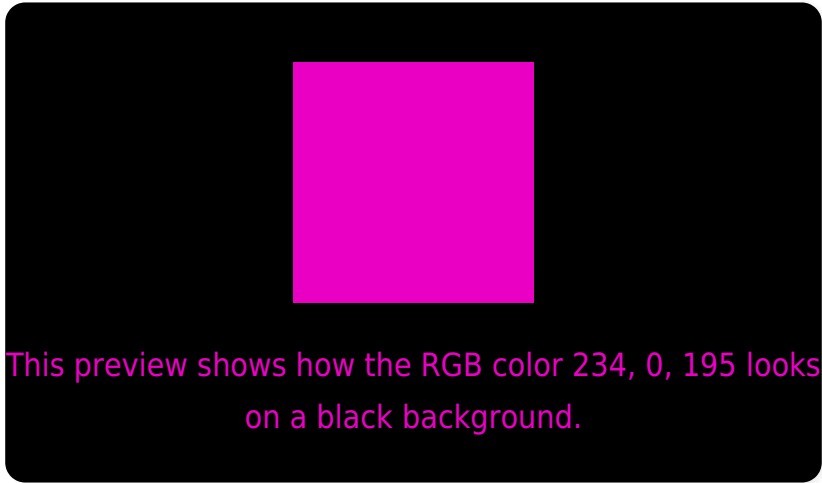
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

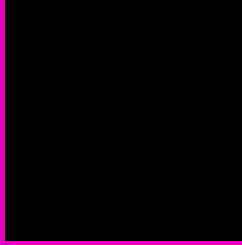
Any Text WCAG AA ✓ Pass

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, 0, 195 Background



This preview shows how black text looks on a background with the RGB color 234, 0, 195.



This preview shows how white text looks on a background with the RGB color 234, 0, 195.

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, 0, 195

Protanopia

45, 125, 255

Deuteranopia

109, 128, 183



Tritanopia
224, 77, 81

Trichromacy



Original Color

234, 0, 195



Protanomaly

114, 80, 233



Deuteranomaly

154, 81, 187



Tritanomaly

228, 49, 122

Monochromacy



Original Color

234, 0, 195



Achromatopsia

92, 92, 92



Achromatomaly

144, 59, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 0, 195 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, 0, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 195)  
}
```

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, 0, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 195) }
```

Border

The CSS property to change the border of an element to RGB 234, 0, 195 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, 0, 195) }
```

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

```
.border{ border-color:rgb(234, 0, 195) }
```

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

Here you see how a box with a 4 pixel rgb(234, 0, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 234, 0, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 195) }
```

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

```
.background{ background-color: rgb(234, 0,  
195) }
```

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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