

Converting Colors

RGB(239, 0, 204)

Have a look what the booklet for
RGB(239, 0, 204) contains.

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Color

RGB(239, 0, 204)

Conversions

Conversions Part 1

Format	Color
Hex	EF00CC
RGB	239, 0, 204
RGB Percent	94%, 0%, 80%
CMY	0.0627, 1.0000, 0.2000
CMYK	0.00, 1.00, 0.15, 0.06
HSL	309°, 100%, 47%
HSV	309°, 100%, 94%
XYZ	46.4957, 22.7104, 59.0597
YIQ	94.7170, 76.9600, 114.1120

Conversions

Conversions Part 2

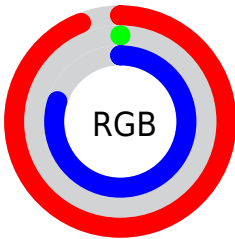
Format	Color
RYB	239, 0, 204
Decimal	15663308
CIELab	54.77, 88.91, -41.09
CIELCh	55, 97.947, 335.199
Yxy	22.7104, 0.3625, 0.1771
Android (android.graphics.Color)	4293853388 (0xFFEF00CC)
YUV	94.7170, 53.8765, 126.5362
Hunter-Lab	47.6554, 90.7593, -40.1198

Details

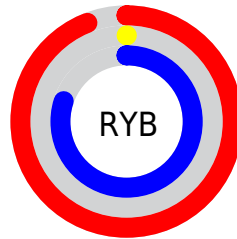
The RGB color **239, 0, 204** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **0, 239, 35**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **255, 100, 255**, and **178, 0, 149** is the 20% darker color. If you saturate the color by 10%, you get **239, 0, 204**, and if you desaturate by 10%, it is **239, 24, 207**.

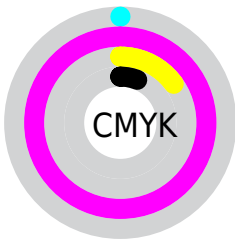
Distribution



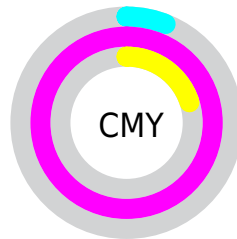
- Red (94%)
- Green (0%)
- Blue (80%)



- Red (94%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 239, 0, 204 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 239, 0, 204 by changing the saturation by 10% instead.

 239, 0, 204

 239, 0, 204

255, 255, 255

 208, 0, 176

 255, 100, 255

 178, 0, 149

 255, 132, 255

 148, 0, 123

 255, 163, 255

 118, 0, 97

 255, 194, 255

 89, 0, 73

 255, 224, 255

 61, 0, 50

 30, 0, 28

 0, 0, 0

 239, 0, 204

■ 239, 24, 207

■ 239, 48, 211

■ 239, 72, 214

■ 239, 96, 218

■ 239, 119, 221

■ 239, 143, 225

■ 239, 167, 228

■ 239, 191, 232

■ 239, 215, 235

Harmonies

Analogous

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



138, 99, 255



239, 0, 204



255, 0, 121

Triad

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



239, 0, 204



147, 133, 0



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.



239, 0, 204



0, 239, 35

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, 164, 144



239, 0, 204



43, 152, 0

Square

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



239, 0, 204



214, 97, 0



0, 161, 52



0, 158, 255

Rectangle

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



239, 0, 204



255, 0, 66



0, 161, 52



0, 165, 202

Sweetspot

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



239, 0, 204



255, 179, 244



32, 0, 239



128, 82, 121



0, 0, 0



128, 128, 128

Same Dimension

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



239, 0, 204



255, 0, 218



239, 0, 88



120, 108, 118



184, 0, 157



56, 0, 48

Inverse Universe

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



239, 0, 204



255, 0, 218



0, 239, 151



120, 108, 118



184, 0, 157



56, 0, 48

Previews

White Background



This preview shows how the RGB color 239, 0, 204 looks on a white background.

Color Contrast Check

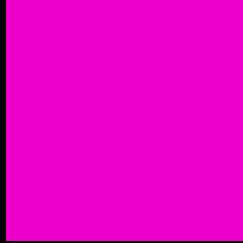
Large Text (above 18pt) WCAG AA ✓ Pass

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 239, 0, 204 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 239, 0, 204 Background



This preview shows how black text looks on a background with the RGB color 239, 0, 204.



This preview shows how white text looks on a background with the RGB color 239, 0, 204.

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

239, 0, 204

Protanopia

58, 128, 255

Deuteranopia

109, 131, 191



Tritanopia
228, 80, 85

Trichromacy



Original Color

239, 0, 204



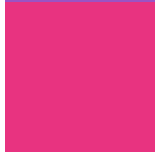
Protanomaly

124, 81, 236



Deuteranomaly

156, 83, 196



Tritanomaly

232, 51, 128

Monochromacy



Original Color

239, 0, 204



Achromatopsia

95, 95, 95



Achromatomaly

147, 60, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 239, 0, 204 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(239, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(239, 0, 204)  
}
```

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(239, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 0, 204) }
```

Border

The CSS property to change the border of an element to RGB 239, 0, 204 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(239, 0, 204) }
```

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

```
.border{ border-color:rgb(239, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(239, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(239, 0,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 239, 0, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 0, 204) }
```

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

```
.background{ background-color: rgb(239, 0,  
204) }
```

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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