

Converting Colors

RGB(235, 0, 141)

Have a look what the booklet for
RGB(235, 0, 141) contains.

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Color

RGB(235, 0, 141)

Conversions

Conversions Part 1

Format	Color
Hex	EB008D
RGB	235, 0, 141
RGB Percent	92%, 0%, 55%
CMY	0.0784, 1.0000, 0.4471
CMYK	0.00, 1.00, 0.40, 0.08
HSL	324°, 100%, 46%
HSV	324°, 100%, 92%
XYZ	39.0687, 19.5853, 26.9205
YIQ	86.3390, 94.7990, 93.6710

Conversions

Conversions Part 2

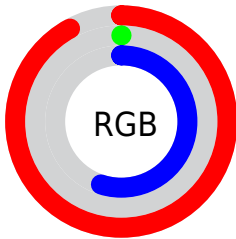
Format	Color
R _Y B	235, 0, 141
Decimal	15401101
CIE Lab	51.37, 81.40, -9.38
CIE LCh	51, 81.936, 353.426
Yxy	19.5853, 0.4565, 0.2289
Android (android.graphics.Color)	4293591181 (0xFFEB008D)
YUV	86.3390, 26.9479, 130.3757
Hunter-Lab	44.2552, 80.1338, -5.0875

Details

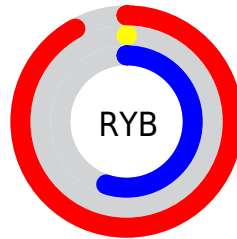
The RGB color **235, 0, 141** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **0, 235, 94**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **255, 96, 195**, and **173, 0, 91** is the 20% darker color. If you saturate the color by 10%, you get **235, 0, 141**, and if you desaturate by 10%, it is **235, 23, 150**.

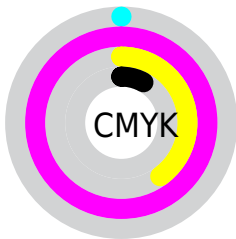
Distribution



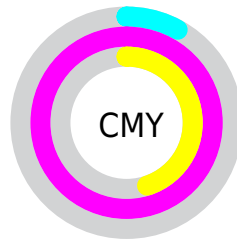
- Red (92%)
- Green (0%)
- Blue (55%)



- Red (92%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 0, 141 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 235, 0, 141 by changing the saturation by 10% instead.

 235, 0, 141

 235, 0, 141

255, 255, 255

 204, 0, 115

 255, 96, 195

 173, 0, 91

 255, 127, 222

 142, 0, 68

 255, 158, 251

 112, 0, 45

 255, 188, 255

 84, 0, 25

 255, 219, 255


 53, 0, 2

 255, 249, 255


 3, 0, 0

 0, 0, 0

 235, 0, 141

 235, 23, 150

 235, 47, 160


 235, 71, 169

 235, 94, 179

 235, 118, 188

 235, 141, 197

 235, 164, 207

 235, 188, 216

 235, 211, 226

Harmonies

Analogous

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



189, 69, 207



235, 0, 141



239, 27, 72

Triad

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



235, 0, 141



96, 135, 0



0, 148, 235

Complementary

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



235, 0, 141



0, 235, 94

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, 152, 177



235, 0, 141



0, 146, 23

Square

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



235, 0, 141



162, 114, 0



0, 150, 104



0, 136, 255

Rectangle

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



235, 0, 141



223, 65, 24



0, 150, 104



0, 150, 218

Sweetspot

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



235, 0, 141



255, 179, 224



94, 0, 235



128, 82, 109



0, 0, 0



128, 128, 128

Same Dimension

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



235, 0, 141



255, 0, 153



235, 0, 24



117, 106, 113



181, 0, 109



54, 0, 32

Inverse Universe

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



235, 0, 141



255, 0, 153



0, 235, 211



117, 106, 113



181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RGB color 235, 0, 141 looks on a white background.

Color Contrast Check

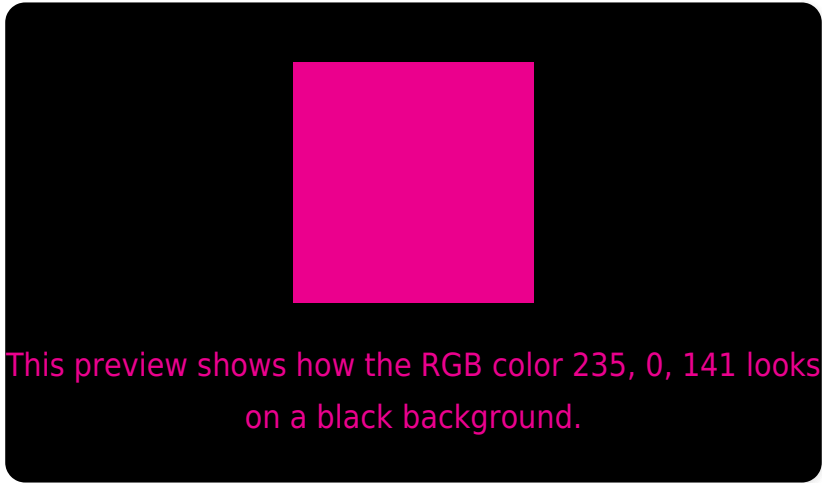
Large Text (above 18pt) WCAG AA ✓ Pass

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 235, 0, 141 Background



This preview shows how black text looks on a background with the RGB color 235, 0, 141.



This preview shows how white text looks on a background with the RGB color 235, 0, 141.

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

235, 0, 141

Protanopia

92, 122, 202

Deuteranopia

133, 120, 131



Tritanopia
230, 56, 57

Trichromacy



Original Color

235, 0, 141



Protanomaly

144, 78, 180



Deuteranomaly

170, 76, 135



Tritanomaly

232, 36, 88

Monochromacy



Original Color

235, 0, 141



Achromatopsia

86, 86, 86



Achromatomaly

140, 55, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 0, 141 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(235, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 141)  
}
```

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(235, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 141) }
```

Border

The CSS property to change the border of an element to RGB 235, 0, 141 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(235, 0, 141) }
```

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

```
.border{ border-color:rgb(235, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 235, 0, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 141) }
```

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

```
.background{ background-color: rgb(235, 0,  
141) }
```

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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