

Converting Colors

RGB(236, 11, 115)

Have a look what the booklet for
RGB(236, 11, 115) contains.

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Color

RGB(236, 11, 115)

Conversions

Conversions Part 1

Format	Color
Hex	EC0B73
RGB	236, 11, 115
RGB Percent	93%, 4%, 45%
CMY	0.0745, 0.9569, 0.5490
CMYK	0.00, 0.95, 0.51, 0.07
HSL	332°, 91%, 48%
HSV	332°, 95%, 93%
XYZ	37.8063, 19.3100, 17.9542
YIQ	90.1310, 100.7160, 80.0440

Conversions

Conversions Part 2

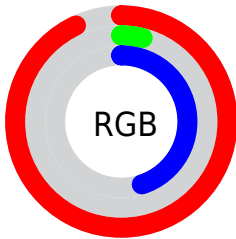
Format	Color
R_{YB}	236, 11, 115
Decimal	15469427
CIE _{Lab}	51.05, 78.72, 5.93
CIE _{LCh}	51, 78.938, 4.306
Yxy	19.3100, 0.5036, 0.2572
Android (android.graphics.Color)	4293659507 (0xFFEC0B73)
YUV	90.1310, 12.2604, 127.9271
Hunter-Lab	43.9432, 76.6709, 6.5356

Details

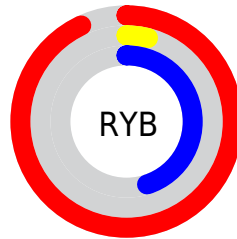
The RGB color **236, 11, 115** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **11, 236, 132**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **255, 97, 167**, and **173, 0, 68** is the 20% darker color. If you saturate the color by 10%, you get **236, 0, 109**, and if you desaturate by 10%, it is **236, 35, 128**.

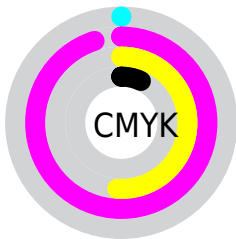
Distribution



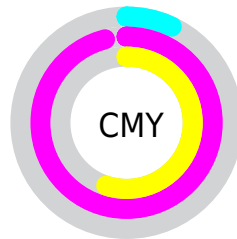
- Red (93%)
- Green (4%)
- Blue (45%)



- Red (93%)
- Yellow (4%)
- Blue (45%)



- Cyan (0%)
- Magenta (95%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 11, 115 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 236, 11, 115 by changing the saturation by 10% instead.



236, 11, 115



236, 11, 115

255, 255, 255



204, 0, 91



255, 97, 167



173, 0, 68



255, 128, 194



142, 0, 46



255, 159, 221



111, 0, 26



255, 189, 250



82, 0, 4



255, 219, 255



50, 0, 2



255, 250, 255



0, 0, 0



236, 11, 115



236, 11, 115




236, 0, 109




236, 35, 128


 236, 58, 140

 236, 82, 153

 236, 105, 166

 236, 129, 178

 236, 153, 191

 236, 176, 204

 236, 200, 217

 236, 223, 229

Harmonies

Analogous

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



207, 54, 181



236, 11, 115



228, 54, 49

Triad

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



236, 11, 115



66, 138, 0



0, 144, 244

Complementary

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



236, 11, 115



11, 236, 132

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, 150, 197



236, 11, 115



0, 146, 58

Square

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



236, 11, 115



139, 122, 0



0, 150, 130



0, 128, 255

Rectangle

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



236, 11, 115



207, 83, 0



0, 150, 130



0, 146, 231

Sweetspot

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



236, 11, 115



255, 181, 215



131, 11, 236



128, 83, 104



0, 0, 0



128, 128, 128

Same Dimension

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



236, 11, 115



255, 0, 118



236, 19, 11



117, 106, 111



181, 0, 84



54, 0, 25

Inverse Universe

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



236, 11, 115



255, 0, 118



11, 229, 236



117, 106, 111



181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RGB color 236, 11, 115 looks on a white background.

Color Contrast Check

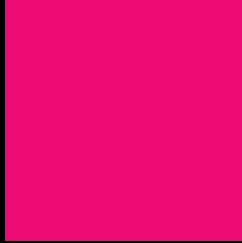
Large Text (above 18pt) WCAG AA ✓ Pass

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 236, 11, 115 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 236, 11, 115 Background



This preview shows how black text looks on a background with the RGB color 236, 11, 115.



This preview shows how white text looks on a background with the RGB color 236, 11, 115.

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

236, 11, 115

Protanopia

110, 121, 166

Deuteranopia

141, 118, 105



Tritanopia
233, 47, 46

Trichromacy



Original Color

236, 11, 115



Protanomaly

156, 81, 147



Deuteranomaly

176, 79, 109



Tritanomaly

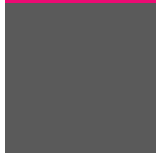
234, 34, 71

Monochromacy



Original Color

236, 11, 115



Achromatopsia

90, 90, 90



Achromatomaly

143, 61, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 11, 115 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(236, 11, 115)` looks like.

```
.text, #text, p{  
    color:rgb(236, 11, 115)  
}
```

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(236, 11, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 11, 115) }
```

Border

The CSS property to change the border of an element to RGB 236, 11, 115 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(236, 11, 115) }
```

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

```
.border{ border-color:rgb(236, 11, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 11, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 11, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 11, 115);  
box-shadow:4px 4px 4px 4px rgb(236, 11,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 236, 11, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 11, 115) }
```

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

```
.background{ background-color: rgb(236, 11,  
115) }
```

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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