

Converting Colors

RGB(232, 0, 185)

Have a look what the booklet for
RGB(232, 0, 185) contains.

RGB(232, 0, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(232, 0, 185)

Conversions

Conversions Part 1

Format	Color
Hex	E800B9
RGB	232, 0, 185
RGB Percent	91%, 0%, 73%
CMY	0.0902, 1.0000, 0.2745
CMYK	0.00, 1.00, 0.20, 0.09
HSL	312°, 100%, 45%
HSV	312°, 100%, 91%
XYZ	42.0357, 20.6586, 47.6709
YIQ	90.4580, 78.8870, 106.7190

Conversions

Conversions Part 2

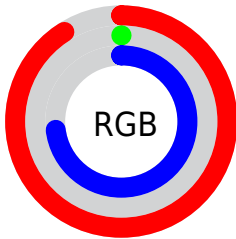
Format	Color
R_{YB}	232, 0, 185
Decimal	15204537
CIE _{Lab}	52.57, 85.37, -33.64
CIE _{LCh}	53, 91.756, 338.495
Yxy	20.6586, 0.3809, 0.1872
Android (android.graphics.Color)	4293394617 (0xFFE800B9)
YUV	90.4580, 46.6092, 124.1323
Hunter-Lab	45.4517, 85.5438, -30.3687

Details

The RGB color **232, 0, 185** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **0, 232, 47**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **255, 97, 241**, and **171, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **232, 0, 185**, and if you desaturate by 10%, it is **232, 23, 190**.

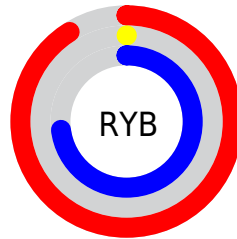
Distribution



Red (91%)

Green (0%)

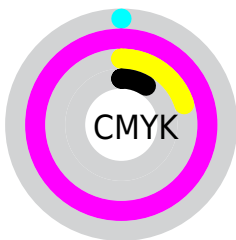
Blue (73%)



Red (91%)

Yellow (0%)

Blue (73%)

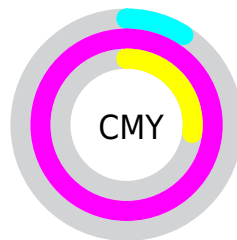


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (9%)



Cyan (9%)

Magenta (100%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 232, 0, 185 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 232, 0, 185 by changing the saturation by 10% instead.


 232, 0, 185

 232, 0, 185


255, 255, 255

 201, 0, 158

 255, 97, 241

 171, 0, 131

 255, 129, 255

 141, 0, 106

 255, 160, 255

 112, 0, 81

 255, 190, 255

 84, 0, 58

 255, 221, 255

 54, 0, 35

 255, 251, 255

 20, 0, 9

 0, 0, 0

 232, 0, 185

■ 232, 23, 190

■ 232, 46, 194

■ 232, 70, 199

■ 232, 93, 204

■ 232, 116, 209

■ 232, 139, 213

■ 232, 162, 218

■ 232, 186, 223

■ 232, 209, 227

Harmonies

Analogous

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



148, 90, 251



232, 0, 185



255, 0, 107

Triad

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



232, 0, 185



133, 130, 0



0, 157, 223

Complementary

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



232, 0, 185



0, 232, 47

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, 157, 147



232, 0, 185



25, 146, 0

Square

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



232, 0, 185



197, 99, 0



0, 154, 62



0, 150, 255

Rectangle

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



232, 0, 185



251, 0, 56



0, 154, 62



0, 157, 199

Sweetspot

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



232, 0, 185



255, 179, 240



46, 0, 232



128, 82, 118



0, 0, 0



128, 128, 128

Same Dimension

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



232, 0, 185



255, 0, 203



232, 0, 70



115, 103, 112



179, 0, 142



51, 0, 41

Inverse Universe

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



232, 0, 185



255, 0, 203



0, 232, 162



115, 103, 112



179, 0, 142



51, 0, 41

Previews

White Background



This preview shows how the RGB color 232, 0, 185 looks on a white background.

Color Contrast Check

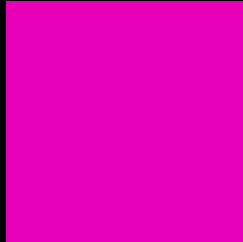
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 0, 185 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 232, 0, 185 Background



This preview shows how black text looks on a background with the RGB color 232, 0, 185.

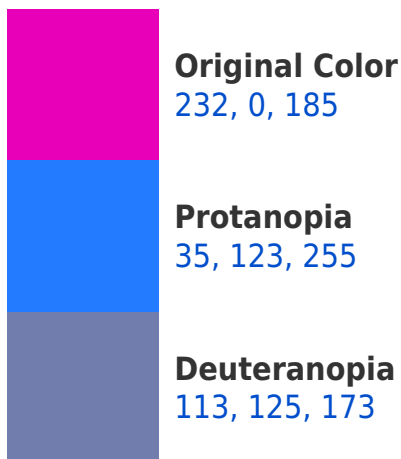


This preview shows how white text looks on a background with the RGB color 232, 0, 185.

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





Tritanopia
223, 73, 77

Trichromacy



Original Color
232, 0, 185



Protanomaly
107, 78, 230



Deuteranomaly
156, 80, 177



Tritanomaly
226, 46, 116

Monochromacy



Original Color
232, 0, 185



Achromatopsia
90, 90, 90



Achromatomaly
142, 57, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 0, 185 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(232, 0, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 185)  
}
```

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(232, 0, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 185) }
```

Border

The CSS property to change the border of an element to RGB 232, 0, 185 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(232, 0, 185) }
```

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

```
.border{ border-color:rgb(232, 0, 185) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 185);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 232, 0, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 185) }
```

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

```
.background{ background-color: rgb(232, 0,  
185) }
```

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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