

Converting Colors

RGB(237, 0, 183)

Have a look what the booklet for
RGB(237, 0, 183) contains.

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Color

RGB(237, 0, 183)

Conversions

Conversions Part 1

Format	Color
Hex	ED00B7
RGB	237, 0, 183
RGB Percent	93%, 0%, 72%
CMY	0.0706, 1.0000, 0.2824
CMYK	0.00, 1.00, 0.23, 0.07
HSL	314°, 100%, 46%
HSV	314°, 100%, 93%
XYZ	43.4723, 21.4234, 46.6436
YIQ	91.7250, 82.5090, 107.1570

Conversions

Conversions Part 2

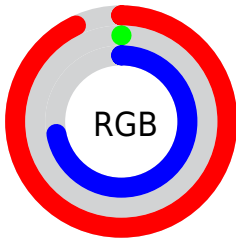
Format	Color
RYB	237, 0, 183
Decimal	15532215
CIELab	53.41, 86.06, -31.10
CIELCh	53, 91.502, 340.133
Yxy	21.4234, 0.3897, 0.1921
Android (android.graphics.Color)	4293722295 (0xFFED00B7)
YUV	91.7250, 44.9986, 127.4062
Hunter-Lab	46.2854, 86.6516, -27.3490

Details

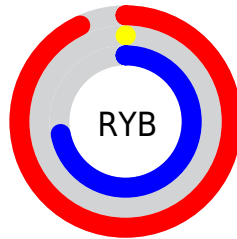
The RGB color **237, 0, 183** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **0, 237, 54**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **255, 98, 239**, and **176, 0, 130** is the 20% darker color. If you saturate the color by 10%, you get **237, 0, 183**, and if you desaturate by 10%, it is **237, 24, 188**.

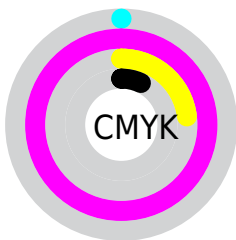
Distribution



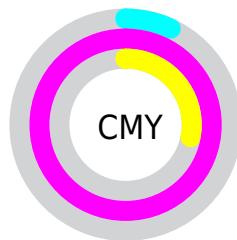
- Red (93%)
- Green (0%)
- Blue (72%)



- Red (93%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (7%)




















- Cyan (7%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 0, 183 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 237, 0, 183 by changing the saturation by 10% instead.

 237, 0, 183	 237, 0, 183
 255, 255, 255	 206, 0, 156
 255, 98, 239	 176, 0, 130
 255, 130, 255	 146, 0, 104
 255, 161, 255	 116, 0, 80
 255, 191, 255	 87, 0, 56
 255, 222, 255	 58, 0, 34
 255, 253, 255	 26, 0, 7
	 0, 0, 0

 237, 0, 183

■ 237, 24, 188

■ 237, 47, 194

■ 237, 71, 199

■ 237, 95, 205

■ 237, 118, 210

■ 237, 142, 215

■ 237, 166, 221

■ 237, 190, 226

■ 237, 213, 232

Harmonies

Analogous

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



158, 90, 250



237, 0, 183



255, 0, 105

Triad

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



237, 0, 183



132, 133, 0



0, 159, 229

Complementary

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



237, 0, 183



0, 237, 54

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, 159, 153



237, 0, 183



12, 149, 0

Square

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



237, 0, 183



197, 103, 0



0, 156, 69



0, 151, 255

Rectangle

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



237, 0, 183



252, 16, 54



0, 156, 69



0, 159, 206

Sweetspot

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



237, 0, 183



255, 179, 238



51, 0, 237



128, 82, 117



0, 0, 0



128, 128, 128

Same Dimension

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



237, 0, 183



255, 0, 197



237, 0, 67



117, 106, 115



181, 0, 140



54, 0, 41

Inverse Universe

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



237, 0, 183



255, 0, 197



0, 237, 170



117, 106, 115



181, 0, 140



54, 0, 41

Previews

White Background



This preview shows how the RGB color 237, 0, 183 looks on a white background.

Color Contrast Check

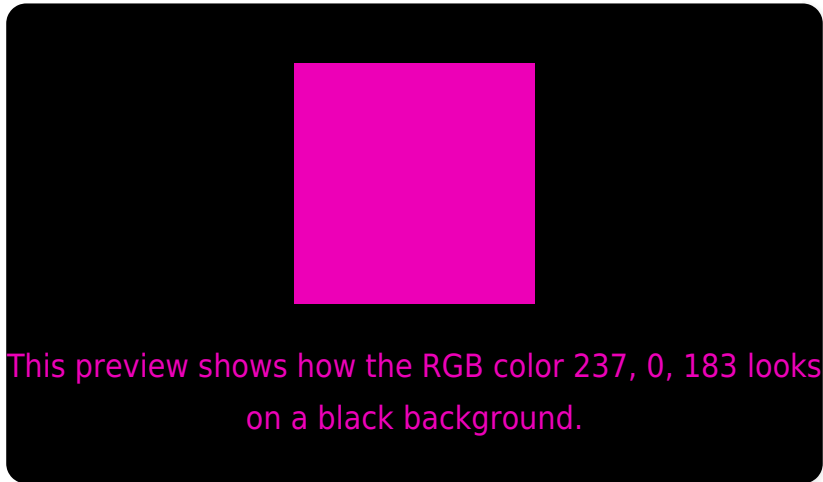
Large Text (above 18pt) WCAG AA ✓ Pass

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 237, 0, 183 Background



This preview shows how black text looks on a background with the RGB color 237, 0, 183.



This preview shows how white text looks on a background with the RGB color 237, 0, 183.

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

237, 0, 183

Protanopia

46, 125, 255

Deuteranopia

118, 127, 171



Tritanopia
229, 72, 76

Trichromacy



Original Color

237, 0, 183



Protanomaly

115, 80, 229



Deuteranomaly

161, 81, 175



Tritanomaly

232, 46, 115

Monochromacy



Original Color

237, 0, 183



Achromatopsia

92, 92, 92



Achromatomaly

145, 59, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 0, 183 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(237, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 183)  
}
```

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(237, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 183) }
```

Border

The CSS property to change the border of an element to RGB 237, 0, 183 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(237, 0, 183) }
```

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

```
.border{ border-color:rgb(237, 0, 183) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 237, 0, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 183) }
```

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

```
.background{ background-color: rgb(237, 0,  
183) }
```

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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