

Converting Colors

RGB(226, 0, 178)

Have a look what the booklet for
RGB(226, 0, 178) contains.

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Color

RGB(226, 0, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E200B2
RGB	226, 0, 178
RGB Percent	89%, 0%, 70%
CMY	0.1137, 1.0000, 0.3020
CMYK	0.00, 1.00, 0.21, 0.11
HSL	313°, 100%, 44%
HSV	313°, 100%, 89%
XYZ	39.3999, 19.3831, 43.7842
YIQ	87.8660, 77.5580, 103.2700

Conversions

Conversions Part 2

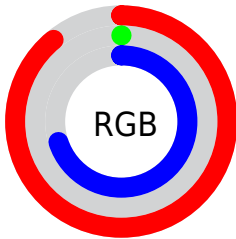
Format	Color
R_{YB}	226, 0, 178
Decimal	14811314
CIE _{Lab}	51.13, 83.45, -31.88
CIE _{LCh}	51, 89.328, 339.094
Yxy	19.3831, 0.3841, 0.1890
Android (android.graphics.Color)	4293001394 (0xFFE200B2)
YUV	87.8660, 44.4361, 121.1435
Hunter-Lab	44.0262, 82.6971, -28.1456

Details

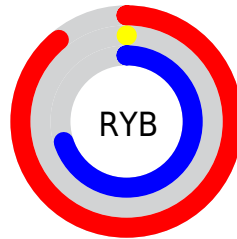
The RGB color **226, 0, 178** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **0, 226, 48**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **255, 96, 234**, and **165, 0, 125** is the 20% darker color. If you saturate the color by 10%, you get **226, 0, 178**, and if you desaturate by 10%, it is **226, 23, 183**.

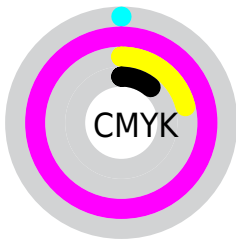
Distribution



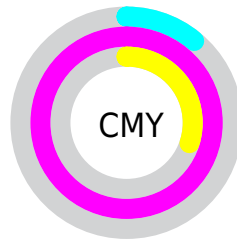
- Red (89%)
- Green (0%)
- Blue (70%)



- Red (89%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (11%)




- Cyan (11%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 0, 178 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 226, 0, 178 by changing the saturation by 10% instead.

 226, 0, 178

 226, 0, 178

255, 255, 255

 196, 0, 151

 255, 96, 234

 165, 0, 125

 255, 127, 255

 136, 0, 100

 255, 158, 255

 107, 0, 75

 255, 188, 255

 79, 0, 52

 255, 218, 255

 49, 0, 30

 255, 249, 255

 6, 0, 0

 0, 0, 0

 226, 0, 178

■ 226, 23, 183

■ 226, 45, 188

■ 226, 68, 192

■ 226, 90, 197

■ 226, 113, 202

■ 226, 136, 207

■ 226, 158, 212

■ 226, 181, 216

■ 226, 203, 221

Harmonies

Analogous

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



147, 87, 242



226, 0, 178



250, 0, 103

Triad

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



226, 0, 178



128, 126, 0



0, 152, 218

Complementary

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



226, 0, 178



0, 226, 48

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, 144



226, 0, 178



20, 142, 0

Square

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



226, 0, 178



190, 97, 0



0, 149, 63



0, 145, 255

Rectangle

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



226, 0, 178



243, 1, 53



0, 149, 63



0, 153, 195

Sweetspot

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



226, 0, 178



255, 179, 239



45, 0, 226



128, 82, 118



0, 0, 0



128, 128, 128

Same Dimension

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



226, 0, 178



255, 0, 201



226, 0, 68



112, 101, 110



176, 0, 139



48, 0, 38

Inverse Universe

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



226, 0, 178



255, 0, 201



0, 226, 158



112, 101, 110



176, 0, 139



48, 0, 38

Previews

White Background



This preview shows how the RGB color 226, 0, 178 looks on a white background.

Color Contrast Check

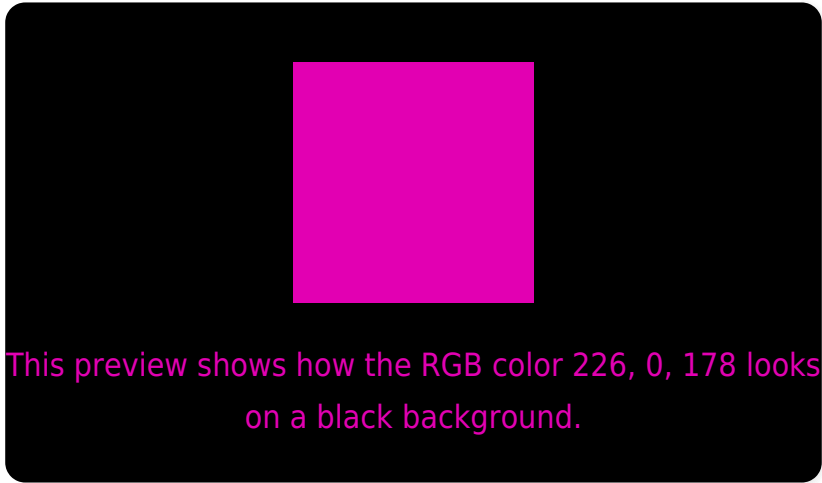
Large Text (above 18pt) WCAG AA ✓ Pass

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 226, 0, 178 Background



This preview shows how black text looks on a background with the RGB color 226, 0, 178.



This preview shows how white text looks on a background with the RGB color 226, 0, 178.

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

226, 0, 178

Protanopia

17, 119, 252

Deuteranopia

111, 122, 167



Tritanopia
218, 70, 74

Trichromacy



Original Color

226, 0, 178



Protanomaly

93, 76, 225



Deuteranomaly

153, 78, 171



Tritanomaly

221, 45, 112

Monochromacy



Original Color

226, 0, 178



Achromatopsia

88, 88, 88



Achromatomaly

138, 56, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 0, 178 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(226, 0, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 0, 178)  
}
```

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(226, 0, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 0, 178) }
```

Border

The CSS property to change the border of an element to RGB 226, 0, 178 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(226, 0, 178) }
```

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

```
.border{ border-color:rgb(226, 0, 178) }
```

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

Here you see how a box with a 4 pixel rgb(226, 0, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 0,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 226, 0, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 0, 178) }
```

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

```
.background{ background-color: rgb(226, 0,  
178) }
```

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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