

Converting Colors

RGB(237, 18, 178)

Have a look what the booklet for
RGB(237, 18, 178) contains.

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Color

RGB(237, 18, 178)

Conversions

Conversions Part 1

Format	Color
Hex	ED12B2
RGB	237, 18, 178
RGB Percent	93%, 7%, 70%
CMY	0.0706, 0.9294, 0.3020
CMYK	0.00, 0.92, 0.25, 0.07
HSL	316°, 86%, 50%
HSV	316°, 92%, 93%
XYZ	43.1772, 21.6515, 44.0229
YIQ	101.7210, 79.1640, 96.1880

Conversions

Conversions Part 2

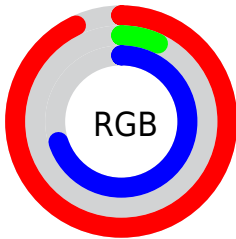
Format	Color
R_{YB}	237, 18, 178
Decimal	15536818
CIE _{Lab}	53.66, 84.13, -27.79
CIE _{LCh}	54, 88.598, 341.717
Yxy	21.6515, 0.3967, 0.1989
Android (android.graphics.Color)	4293726898 (0xFFED12B2)
YUV	101.7210, 37.6055, 118.6397
Hunter-Lab	46.5312, 84.2044, -23.5222

Details

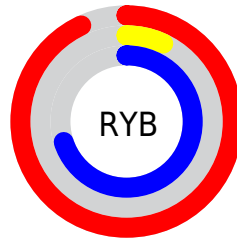
The RGB color **237, 18, 178** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **18, 237, 77**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 102, 234**, and **176, 0, 125** is the 20% darker color. If you saturate the color by 10%, you get **237, 0, 173**, and if you desaturate by 10%, it is **237, 42, 184**.

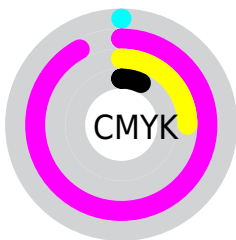
Distribution



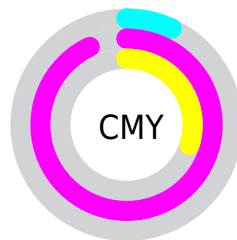
- Red (93%)
- Green (7%)
- Blue (70%)



- Red (93%)
- Yellow (7%)
- Blue (70%)



- Cyan (0%)
- Magenta (92%)
- Yellow (25%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 18, 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 237, 18, 178 by changing the saturation by 10% instead.

 237, 18, 178

 237, 18, 178

255, 255, 255

 206, 0, 151

 255, 102, 234

 176, 0, 125

 255, 133, 255

 146, 0, 100

 255, 164, 255

 116, 0, 76

 255, 194, 255

 88, 0, 53

 255, 225, 255

 59, 0, 31

 27, 0, 1

 0, 0, 0

 237, 18, 178

 237, 18, 178

■ 237, 0, 173

■ 237, 42, 184

■ 237, 65, 191

■ 237, 89, 197

■ 237, 113, 204

■ 237, 136, 210

■ 237, 160, 216

■ 237, 184, 223

■ 237, 208, 229

■ 237, 231, 235

Harmonies

Analogous

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



164, 90, 244



237, 18, 178



255, 0, 102

Triad

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



237, 18, 178



129, 135, 0



0, 158, 229

Complementary

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



237, 18, 178



18, 237, 77

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, 160, 157



237, 18, 178



9, 150, 0

Square

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



237, 18, 178



193, 107, 0



0, 157, 76



0, 150, 255

Rectangle

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



237, 18, 178



249, 36, 53



0, 157, 76



0, 159, 207

Sweetspot

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



237, 18, 178



255, 184, 236



76, 18, 237



128, 84, 116



0, 0, 0



128, 128, 128

Same Dimension

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



237, 18, 178



255, 0, 186



237, 18, 69



117, 106, 114



181, 0, 132



54, 0, 39

Inverse Universe

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



237, 18, 178



255, 0, 186



18, 237, 186



117, 106, 114



181, 0, 132



54, 0, 39

Previews

White Background



This preview shows how the RGB color 237, 18, 178 looks on a white background.

Color Contrast Check

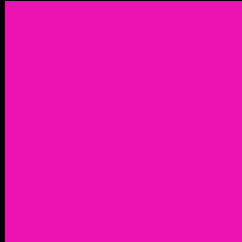
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 237, 18, 178 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 237, 18, 178 Background



This preview shows how black text looks on a background with the RGB color 237, 18, 178.

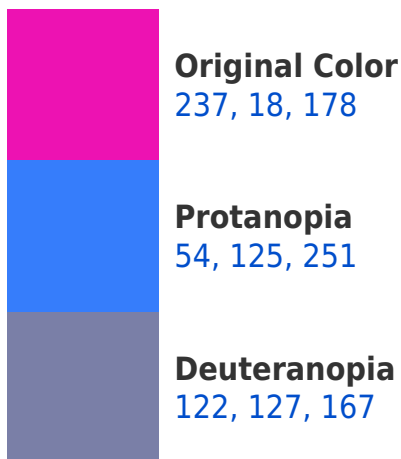


This preview shows how white text looks on a background with the RGB color 237, 18, 178.

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





Tritanopia
229, 72, 75

Trichromacy



Original Color

237, 18, 178



Protanomaly

121, 86, 224



Deuteranomaly

164, 87, 171



Tritanomaly

232, 52, 112

Monochromacy



Original Color

237, 18, 178



Achromatopsia

102, 102, 102



Achromatomaly

151, 71, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 18, 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(237, 18, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 18, 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(237, 18, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 18, 178) }
```

Border

The CSS property to change the border of an element to RGB 237, 18, 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(237, 18, 178) }
```

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

```
.border{ border-color:rgb(237, 18, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 18, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 18, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 18, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 18,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 237, 18, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 18, 178) }
```

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

```
.background{ background-color: rgb(237, 18,  
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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