

Converting Colors

RGB(245, 36, 212)

Have a look what the booklet for
RGB(245, 36, 212) contains.

RGB(245, 36, 212)	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(245, 36, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F524D4
RGB	245, 36, 212
RGB Percent	96%, 14%, 83%
CMY	0.0392, 0.8588, 0.1686
CMYK	0.00, 0.85, 0.13, 0.04
HSL	309°, 91%, 55%
HSV	309°, 85%, 96%
XYZ	50.1707, 25.4277, 64.5511
YIQ	118.5550, 68.0680, 99.0440

Conversions

Conversions Part 2

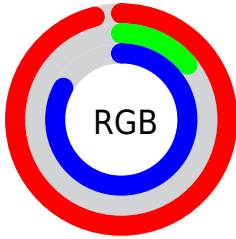
Format	Color
R _Y B	245, 36, 212
Decimal	16065748
CIE Lab	57.49, 87.32, -41.31
CIE LCh	57, 96.597, 334.683
Yxy	25.4277, 0.3580, 0.1814
Android (android.graphics.Color)	4294255828 (0xFFFF524D4)
YUV	118.5550, 46.0684, 110.8923
Hunter-Lab	50.4259, 89.3515, -40.6001

Details

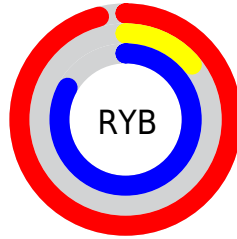
The RGB color **245, 36, 212** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36, 245, 69**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **255, 112, 255**, and **184, 0, 157** is the 20% darker color. If you saturate the color by 10%, you get **245, 12, 208**, and if you desaturate by 10%, it is **245, 61, 216**.

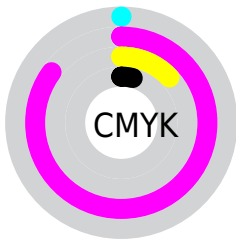
Distribution



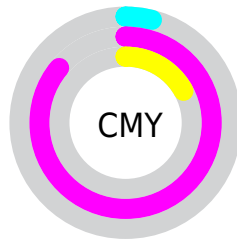
- Red (96%)
- Green (14%)
- Blue (83%)



- Red (96%)
- Yellow (14%)
- Blue (83%)



- Cyan (0%)
- Magenta (85%)
- Yellow (13%)
- Black (4%)



















- Cyan (4%)
- Magenta (86%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 36, 212 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 245, 36, 212 by changing the saturation by 10% instead.

 245, 36, 212	 245, 36, 212
255, 255, 255	 214, 0, 184
 255, 112, 255	 184, 0, 157
 255, 143, 255	 154, 0, 130
 255, 173, 255	 125, 0, 105
 255, 204, 255	 95, 0, 80
 255, 235, 255	 68, 0, 56
	 38, 0, 34
	 0, 0, 6
	 0, 0, 0

■ 245, 36, 212

■ 245, 36, 212

■ 245, 12, 208

■ 245, 61, 216

■ 245, 0, 206

■ 245, 85, 220

■ 245, 110, 224

■ 245, 134, 227

■ 245, 159, 231

■ 245, 183, 235

■ 245, 208, 239

■ 245, 232, 243

■ 245, 255, 247

Harmonies

Analogous

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



144, 107, 255



245, 36, 212



255, 0, 129

Triad

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



245, 36, 212



156, 139, 0



0, 172, 233

Complementary

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



245, 36, 212



36, 245, 69

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, 172, 150



245, 36, 212



59, 159, 0

Square

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



245, 36, 212



223, 104, 0



0, 168, 58



0, 165, 255

Rectangle

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



245, 36, 212



255, 0, 74



0, 168, 58



0, 172, 207

Sweetspot

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



245, 36, 212



255, 189, 245



67, 36, 245



128, 88, 121



0, 0, 0



128, 128, 128

Same Dimension

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



245, 36, 212



255, 0, 215



245, 36, 109



122, 110, 120



186, 0, 157



59, 0, 49

Inverse Universe

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



245, 36, 212



255, 0, 215



36, 245, 172



122, 110, 120



186, 0, 157



59, 0, 49

Previews

White Background



This preview shows how the RGB color 245, 36, 212 looks on a white background.

Color Contrast Check

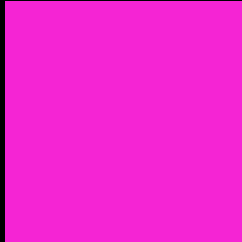
Large Text (above 18pt) WCAG AA ✓ Pass

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 245, 36, 212 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 245, 36, 212 Background



This preview shows how black text looks on a background with the RGB color 245, 36, 212.

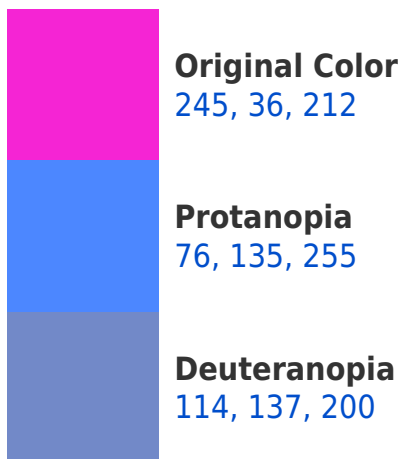


This preview shows how white text looks on a background with the RGB color 245, 36, 212.

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
234, 88, 94

Trichromacy



Original Color

245, 36, 212



Protanomaly

137, 99, 239



Deuteranomaly

162, 100, 204



Tritanomaly

238, 69, 137

Monochromacy



Original Color

245, 36, 212



Achromatopsia

119, 119, 119



Achromatomaly

165, 89, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 36, 212 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(245, 36, 212)` looks like.

```
.text, #text, p{  
    color:rgb(245, 36, 212)  
}
```

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(245, 36, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 36, 212) }
```

Border

The CSS property to change the border of an element to RGB 245, 36, 212 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(245, 36, 212) }
```

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

```
.border{ border-color:rgb(245, 36, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 36, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 36, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 36, 212);  
box-shadow:4px 4px 4px 4px rgb(245, 36,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 245, 36, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 36, 212) }
```

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

```
.background{ background-color: rgb(245, 36,  
212) }
```

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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