

Converting Colors

RGB(245, 27, 194)

Have a look what the booklet for
RGB(245, 27, 194) contains.

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Color

RGB(245, 27, 194)

Conversions

Conversions Part 1

Format	Color
Hex	F51BC2
RGB	245, 27, 194
RGB Percent	96%, 11%, 76%
CMY	0.0392, 0.8941, 0.2392
CMYK	0.00, 0.89, 0.21, 0.04
HSL	314°, 92%, 53%
HSV	314°, 89%, 96%
XYZ	47.7857, 24.0914, 53.1705
YIQ	111.2200, 76.3210, 98.1530

Conversions

Conversions Part 2

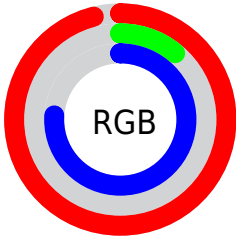
Format	Color
R _Y B	245, 27, 194
Decimal	16063426
CIE Lab	56.18, 86.46, -33.05
CIE LCh	56, 92.562, 339.082
Yxy	24.0914, 0.3821, 0.1927
Android (android.graphics.Color)	4294253506 (0xFFF51BC2)
YUV	111.2200, 40.8105, 117.3251
Hunter-Lab	49.0830, 87.8871, -29.8694

Details

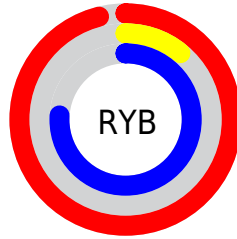
The RGB color **245, 27, 194** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **27, 245, 78**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 107, 251**, and **184, 0, 140** is the 20% darker color. If you saturate the color by 10%, you get **245, 2, 188**, and if you desaturate by 10%, it is **245, 51, 200**.

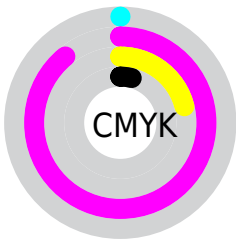
Distribution



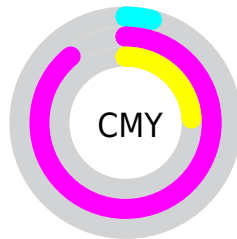
- Red (96%)
- Green (11%)
- Blue (76%)



- Red (96%)
- Yellow (11%)
- Blue (76%)



- Cyan (0%)
- Magenta (89%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 27, 194 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, 27, 194 by changing the saturation by 10% instead.



245, 27, 194



245, 27, 194

255, 255, 255



214, 0, 167



255, 107, 251



184, 0, 140



255, 138, 255



154, 0, 114



255, 169, 255



124, 0, 89



255, 200, 255



95, 0, 65



255, 230, 255



67, 0, 43



36, 0, 20



0, 0, 0



245, 27, 194



245, 27, 194

■ 245, 2, 188

■ 245, 51, 200

■ 245, 0, 188

■ 245, 76, 205

■ 245, 100, 211

■ 245, 125, 217

■ 245, 150, 223

■ 245, 174, 228

■ 245, 199, 234

■ 245, 223, 240

■ 245, 247, 246

Harmonies

Analogous

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



162, 98, 255



245, 27, 194



255, 0, 114

Triad

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



245, 27, 194



142, 139, 0



0, 167, 236

Complementary

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



245, 27, 194



27, 245, 78

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, 167, 158



245, 27, 194



36, 156, 0

Square

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



245, 27, 194



208, 109, 0



0, 164, 72



0, 159, 255

Rectangle

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



245, 27, 194



255, 27, 62



0, 164, 72



0, 168, 212

Sweetspot

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



245, 27, 194



255, 186, 239



78, 27, 245



128, 87, 118



0, 0, 0



128, 128, 128

Same Dimension

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



245, 27, 194



255, 0, 195



245, 27, 85



122, 110, 120



186, 0, 143



59, 0, 45

Inverse Universe

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



245, 27, 194



255, 0, 195



27, 245, 187



122, 110, 120



186, 0, 143



59, 0, 45

Previews

White Background



This preview shows how the RGB color 245, 27, 194 looks on a white background.

Color Contrast Check

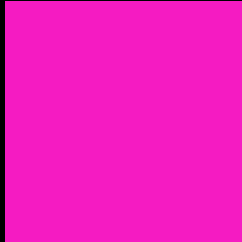
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27, 194 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, 27, 194 Background



This preview shows how black text looks on a background with the RGB color 245, 27, 194.

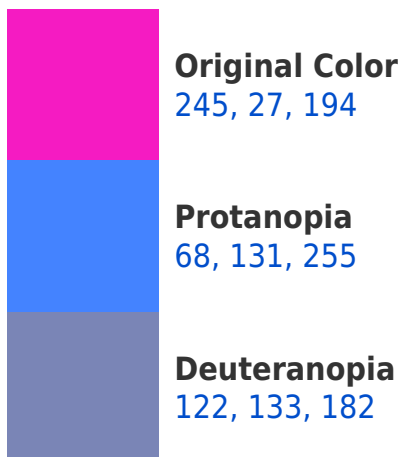


This preview shows how white text looks on a background with the RGB color 245, 27, 194.

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
236, 79, 84

Trichromacy



Original Color

245, 27, 194



Protanomaly

132, 93, 233



Deuteranomaly

167, 94, 186



Tritanomaly

239, 60, 124

Monochromacy



Original Color

245, 27, 194



Achromatopsia

111, 111, 111



Achromatomaly

160, 80, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 27, 194 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, 27, 194) looks like.

```
.text, #text, p{  
    color:rgb(245, 27, 194)  
}
```

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, 27, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 27, 194) }
```

Border

The CSS property to change the border of an element to RGB 245, 27, 194 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, 27, 194) }
```

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

```
.border{ border-color:rgb(245, 27, 194) }
```

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

Here you see how a box with a 4 pixel rgb(245, 27, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 27, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 27, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 27,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 245, 27, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 27, 194) }
```

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

```
.background{ background-color: rgb(245, 27,  
194) }
```

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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