Converting Colors

RGB(245, 15, 243)

Have a look what the booklet for RGB(245, 15, 243) contains.

Color

RGB(245, 15, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F50FF3
RGB	245, 15, 243
RGB Percent	96%, 6%, 95%
CMY	0.0392, 0.9412, 0.0471
CMYK	0.00, 0.94, 0.01, 0.04
HSL	301°, 92%, 51%
HSV	301°, 94%, 96%
XYZ	54.0047, 26.2252, 87.0096
YIQ	109.7620, 63.8920, 119.6680

Conversions

Conversions Part 2

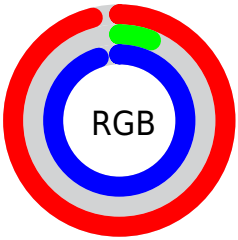
Format	Color
RYB	245, 15, 243
Decimal	16060403
CIELab	58.25, 94.08, -57.58
CIELCh	58, 110.304, 328.534
Yxy	26.2252, 0.3229, 0.1568
Android (android.graphics.Color)	4294250483 (0xFFF50FF3)
YUV	109.7620, 65.6863, 118.6037
Hunter-Lab	51.2105, 98.6208, -64.8897

Details

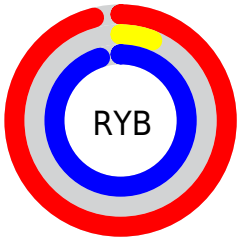
The RGB color 245, 15, 243 is a light color, and the websafe version is hex FF33FF. The color can be described as light saturated magenta. A complement of this color would be 15, 245, 17, and the grayscale version is 109, 109, 109.

A 20% lighter version of the original color is 255, 106, 255, and 184, 0, 186 is the 20% darker color. If you saturate the color by 10%, you get 245, 0, 243, and if you desaturate by 10%, it is 245, 40, 243.

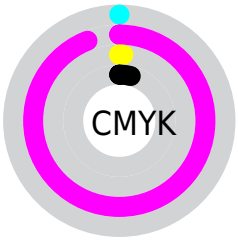
Distribution



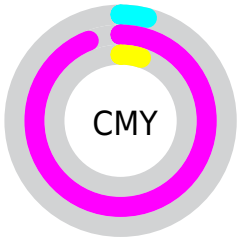
- Red (96%)
- Green (6%)
- Blue (95%)



- Red (96%)
- Yellow (6%)
- Blue (95%)



- Cyan (0%)
- Magenta (94%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (94%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 15, 243 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, 15, 243 by changing the saturation by 10% instead.

245, 15, 243	245, 15, 243
255, 255, 255	214, 0, 214
255, 106, 255	184, 0, 186
255, 138, 255	154, 0, 158
255, 169, 255	124, 0, 132
255, 200, 255	94, 0, 105
255, 231, 255	66, 0, 81
	35, 0, 56
	0, 2, 33
	0, 0, 7

245, 15, 243

245, 0, 243

245, 15, 243

245, 40, 243

245, 64, 243

245, 89, 244

245, 113, 244

245, 138, 244

245, 162, 244

245, 187, 244

245, 211, 245

245, 236, 245

Harmonies

Analogous

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

89, 116, 255

245, 15, 243

255, 0, 149

Triad

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

245, 15, 243

175, 135, 0

0, 178, 231

Complementary

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

245, 15, 243

15, 245, 17

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, 176, 133

245, 15, 243

73, 160, 0

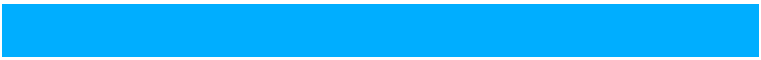
Square

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

245, 15, 243

246, 87, 0

0, 171, 5



0, 174, 255

Rectangle

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

245, 15, 243

255, 0, 87

0, 171, 5

0, 178, 200

Sweetspot

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

245, 15, 243

255, 184, 254

15, 15, 245

128, 84, 127

0, 0, 0

128, 128, 128

Same Dimension

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

245, 15, 243

255, 0, 253

245, 15, 130

122, 110, 122

186, 0, 185

59, 0, 58

Inverse Universe

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

245, 15, 243

255, 0, 253

15, 245, 130

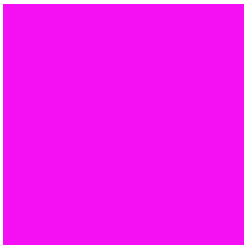
122, 110, 122

186, 0, 185

59, 0, 58

Previews

White Background

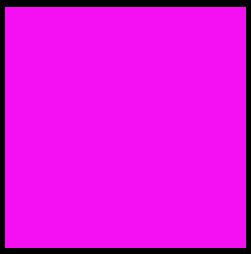


This preview shows how the RGB color 245, 15, 243 looks on a white background.

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



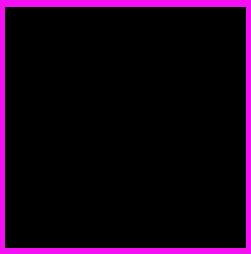
This preview shows how the RGB color 245, 15, 243 looks on a black background.

Color Contrast Check

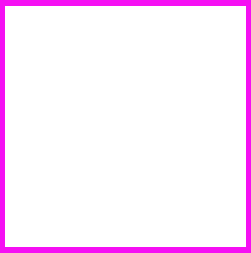
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 245, 15, 243 Background



This preview shows how black text looks on a background with the RGB color 245, 15, 243.

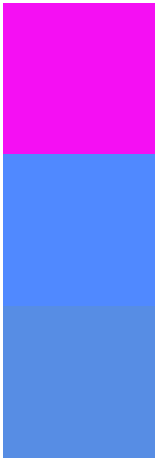


This preview shows how white text looks on a background with the RGB color 245, 15, 243.

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



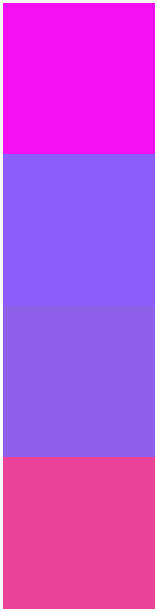
Original Color
245, 15, 243

Protanopia
80, 137, 255

Deuteranopia
87, 141, 228

Tritanopia
230, 96, 102

Trichromacy



Original Color
245, 15, 243

Protanomaly
140, 93, 251

Deuteranomaly
144, 95, 233

Tritanomaly
235, 67, 153

Monochromacy

Original Color
245, 15, 243

Achromatopsia
110, 110, 110

Achromatomaly
159, 75, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 15, 243 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, 15, 243) looks like.

```
.text, #text, p{
    color:rgb(245, 15, 243)
}
```

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, 15, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 15, 243) }
```

Border

The CSS property to change the border of an element to RGB 245, 15, 243 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, 15, 243) }
```

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

```
.border{ border-color:rgb(245, 15, 243) }
```

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

Here you see how a box with a 4 pixel rgb(245, 15, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 15, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 15, 243); box-shadow:4px 4px 4px 4px rgb(245, 15, 243) }
```

Background

The CSS property to change the background color of an element to RGB 245, 15, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 15, 243) }
```

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

```
.background{ background-color:rgb(245, 15,
243) }
```

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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