

Converting Colors

RGB(245, 55, 240)

Have a look what the booklet for
RGB(245, 55, 240) contains.

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Color

RGB(245, 55, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F537F0
RGB	245, 55, 240
RGB Percent	96%, 22%, 94%
CMY	0.0392, 0.7843, 0.0588
CMYK	0.00, 0.78, 0.02, 0.04
HSL	302°, 90%, 59%
HSV	302°, 78%, 96%
XYZ	54.7506, 28.4361, 85.0411
YIQ	132.9000, 53.8550, 97.8150

Conversions

Conversions Part 2

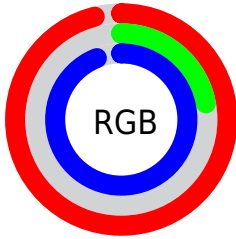
Format	Color
R _{YB}	245, 55, 240
Decimal	16070640
CIE _{Lab}	60.28, 87.23, -52.67
CIE _{LCh}	60, 101.895, 328.878
Yxy	28.4361, 0.3255, 0.1690
Android (android.graphics.Color)	4294260720 (0xFFFF537F0)
YUV	132.9000, 52.8003, 98.3117
Hunter-Lab	53.3255, 89.9504, -57.2251

Details

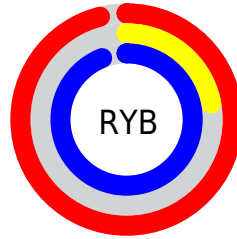
The RGB color **245, 55, 240** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **55, 245, 60**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 123, 255**, and **184, 0, 183** is the 20% darker color. If you saturate the color by 10%, you get **245, 30, 239**, and if you desaturate by 10%, it is **245, 80, 241**.

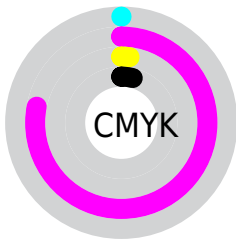
Distribution



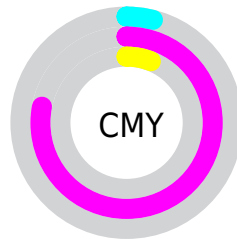
- Red (96%)
- Green (22%)
- Blue (94%)



- Red (96%)
- Yellow (22%)
- Blue (94%)



- Cyan (0%)
- Magenta (78%)
- Yellow (2%)
- Black (4%)



















- Cyan (4%)
- Magenta (78%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the RGB color 245, 55, 240 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, 55, 240 by changing the saturation by 10% instead.

 245, 55, 240	 245, 55, 240
255, 255, 255	 214, 0, 211
 255, 123, 255	 184, 0, 183
 255, 154, 255	 154, 0, 156
 255, 184, 255	 125, 0, 129
 255, 214, 255	 96, 0, 103
 255, 245, 255	 69, 0, 79
	 38, 0, 54
	 0, 0, 32
	 0, 0, 3


 245, 55, 240

 245, 55, 240

 245, 30, 239


 245, 80, 241


 245, 6, 239

 245, 104, 241

 245, 0, 239

 245, 129, 242

 245, 153, 243

 245, 178, 243

 245, 202, 244

 245, 227, 245

 245, 251, 245

 245, 255, 246

Harmonies

Analogous

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



113, 122, 255



245, 55, 240



255, 0, 153

Triad

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



245, 55, 240



180, 141, 0



0, 182, 231

Complementary

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



245, 55, 240



55, 245, 60

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, 181, 139



245, 55, 240



87, 164, 0

Square

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



245, 55, 240



246, 99, 0



0, 176, 37



0, 177, 255

Rectangle

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



245, 55, 240



255, 0, 94



0, 176, 37



0, 182, 202

Sweetspot

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



245, 55, 240



255, 196, 253



58, 55, 245



128, 92, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 55, 240



255, 18, 249



245, 55, 147



122, 110, 122



186, 0, 181



59, 0, 57

Inverse Universe

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



245, 55, 240



255, 18, 249



55, 245, 153



122, 110, 122



186, 0, 181



59, 0, 57

Previews

White Background



This preview shows how the RGB color 245, 55, 240 looks on a white background.

Color Contrast Check

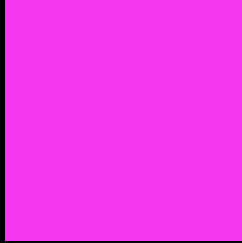
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

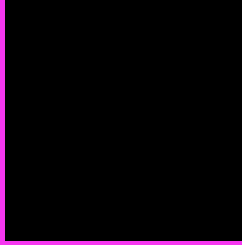
Any Text WCAG AA ✓ Pass

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, 55, 240 Background



This preview shows how black text looks on a background with the RGB color 245, 55, 240.

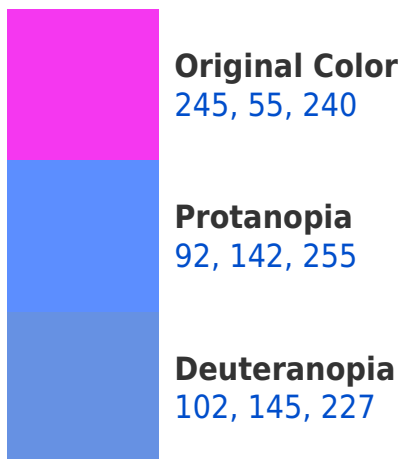



This preview shows how white text looks on a background with the RGB color 245, 55, 240.

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
231, 105, 112

Trichromacy



Original Color

245, 55, 240



Protanomaly

148, 110, 250



Deuteranomaly

154, 112, 232



Tritanomaly

236, 87, 159

Monochromacy



Original Color

245, 55, 240



Achromatopsia

133, 133, 133



Achromatomaly

174, 105, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 55, 240 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, 55, 240)` looks like.

```
.text, #text, p{  
  color:rgb(245, 55, 240)  
}
```

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, 55, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 55, 240) }
```

Border

The CSS property to change the border of an element to RGB 245, 55, 240 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, 55, 240) }
```

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

```
.border{ border-color:rgb(245, 55, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 55, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 55, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 55, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 55,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 245, 55, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 55, 240) }
```

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

```
.background{ background-color: rgb(245, 55,  
240) }
```

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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