

Converting Colors

RGB(255, 0, 243)

Have a look what the booklet for
RGB(255, 0, 243) contains.

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Color

RGB(255, 0, 243)

Conversions

Conversions Part 1

Format	Color
Hex	FF00F3
RGB	255, 0, 243
RGB Percent	100%, 0%, 95%
CMY	0.0000, 1.0000, 0.0471
CMYK	0.00, 1.00, 0.05, 0.00
HSL	303°, 100%, 50%
HSV	303°, 100%, 100%
XYZ	57.4177, 27.7311, 87.1204
YIQ	103.9470, 73.9770, 129.6330

Conversions

Conversions Part 2

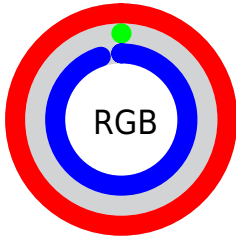
Format	Color
R_{YB}	255, 0, 243
Decimal	16711923
CIE _{Lab}	59.64, 96.62, -55.25
CIE _{LCh}	60, 111.300, 330.237
Yxy	27.7311, 0.3333, 0.1610
Android (android.graphics.Color)	4294902003 (0xFFFF00F3)
YUV	103.9470, 68.5531, 132.4735
Hunter-Lab	52.6603, 102.4703, -61.2263

Details

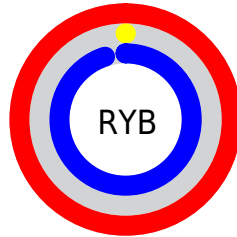
The RGB color **255, 0, 243** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **0, 255, 12**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **255, 105, 255**, and **193, 0, 186** is the 20% darker color. If you saturate the color by 10%, you get **255, 0, 243**, and if you desaturate by 10%, it is **255, 25, 244**.

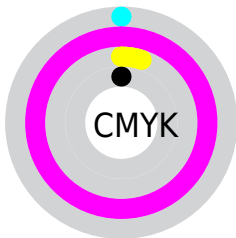
Distribution



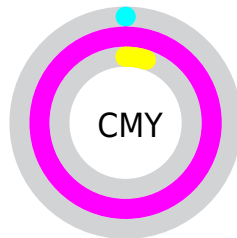
- Red (100%)
- Green (0%)
- Blue (95%)



- Red (100%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 0, 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 255, 0, 243 by changing the saturation by 10% instead.

 255, 0, 243

 255, 0, 243

255, 255, 255

 224, 0, 214

 255, 105, 255

 193, 0, 186

 255, 138, 255

 163, 0, 158

 255, 169, 255

 133, 0, 132

 255, 201, 255

 103, 0, 106

 255, 232, 255


 75, 0, 81


 44, 0, 57


 0, 0, 34

 0, 0, 7

 255, 0, 243


 255, 25, 244

 255, 51, 245

 255, 77, 247

 255, 102, 248

 255, 128, 249

 255, 153, 250

 255, 179, 251

 255, 204, 253

 255, 230, 254

Harmonies

Analogous

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



111, 116, 255



255, 0, 243



255, 0, 148

Triad

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



255, 0, 243



174, 141, 0



0, 182, 241

Complementary

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



255, 0, 243



0, 255, 12

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, 142



255, 0, 243



67, 165, 0

Square

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



255, 0, 243



248, 94, 0



0, 176, 25



0, 177, 255

Rectangle

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



255, 0, 243



255, 0, 84



0, 176, 25



0, 182, 210

Sweetspot

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



255, 0, 243



255, 179, 251



8, 0, 255



128, 82, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 0, 243



255, 0, 119



128, 115, 127



191, 0, 182



64, 0, 61

Inverse Universe

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



255, 0, 243



0, 255, 136



128, 115, 127



191, 0, 182



64, 0, 61

Previews

White Background



This preview shows how the RGB color 255, 0, 243 looks on a white background.

Color Contrast Check

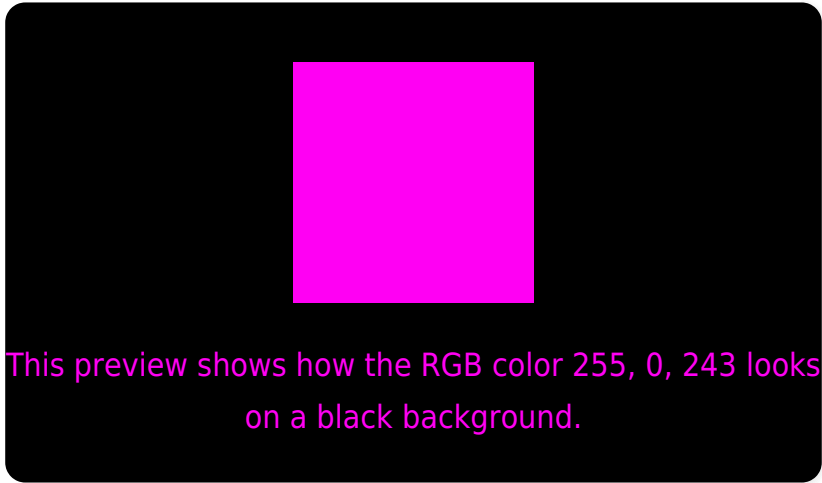
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

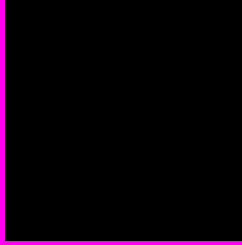
Any Text WCAG AA ✓ Pass

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 255, 0, 243 Background



This preview shows how black text looks on a background with the RGB color 255, 0, 243.



This preview shows how white text looks on a background with the RGB color 255, 0, 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
255, 0, 243

Protanopia
89, 141, 255

Deuteranopia
98, 145, 228



Tritanopia
241, 95, 102

Trichromacy



Original Color

255, 0, 243



Protanomaly

149, 90, 251



Deuteranomaly

155, 92, 233



Tritanomaly

246, 60, 153

Monochromacy



Original Color

255, 0, 243



Achromatopsia

104, 104, 104



Achromatomaly

159, 66, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 0, 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(255, 0, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 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(255, 0, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 243) }
```

Border

The CSS property to change the border of an element to RGB 255, 0, 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(255, 0, 243) }
```

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

```
.border{ border-color:rgb(255, 0, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 255, 0, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 243) }
```

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

```
.background{ background-color: rgb(255, 0,  
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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