

Converting Colors

RGB(255, 0, 253)

Have a look what the booklet for
RGB(255, 0, 253) contains.

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Color

RGB(255, 0, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FF00FD
RGB	255, 0, 253
RGB Percent	100%, 0%, 99%
CMY	0.0000, 1.0000, 0.0078
CMYK	0.00, 1.00, 0.01, 0.00
HSL	300°, 100%, 50%
HSV	300°, 100%, 100%
XYZ	58.9696, 28.3518, 95.2929
YIQ	105.0870, 70.7670, 132.7430

Conversions

Conversions Part 2

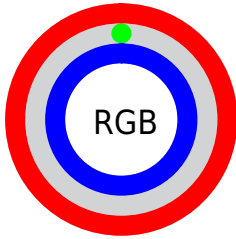
Format	Color
R_{YB}	255, 0, 253
Decimal	16711933
CIE _{Lab}	60.21, 97.98, -59.92
CIE _{LCh}	60, 114.847, 328.552
Yxy	28.3518, 0.3229, 0.1553
Android (android.graphics.Color)	4294902013 (0xFFFF00FD)
YUV	105.0870, 72.9211, 131.4737
Hunter-Lab	53.2465, 104.5047, -68.8363

Details

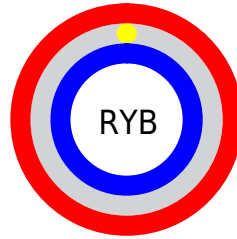
The RGB color `255, 0, 253` is a light color, and the websafe version is hex `FF00FF`. The color can be described as light saturated magenta. A complement of this color would be `0, 255, 2`, and the grayscale version is `104, 104, 104`.

A 20% lighter version of the original color is `255, 105, 255`, and `193, 0, 195` is the 20% darker color. If you saturate the color by 10%, you get `255, 0, 253`, and if you desaturate by 10%, it is `255, 25, 253`.

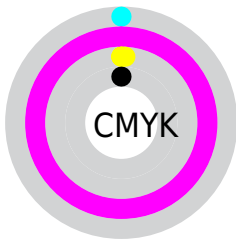
Distribution



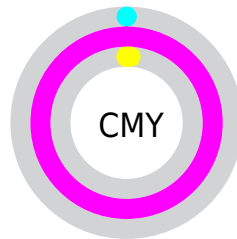
- Red (100%)
- Green (0%)
- Blue (99%)



- Red (100%)
- Yellow (0%)
- Blue (99%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 0, 253 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, 253 by changing the saturation by 10% instead.



255, 0, 253



255, 0, 253

255, 255, 255



224, 0, 224



255, 105, 255



193, 0, 195



255, 138, 255



163, 0, 168



255, 170, 255



133, 0, 140



255, 201, 255



103, 0, 114



255, 233, 255



75, 0, 89



43, 0, 64





0, 0, 41





0, 1, 19


 255, 0, 253

 255, 25, 253

 255, 51, 253

 255, 77, 254

 255, 102, 254

 255, 128, 254

 255, 153, 254

 255, 179, 254

 255, 204, 255

 255, 230, 255

Harmonies

Analogous

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



90, 120, 255



255, 0, 253



255, 0, 155

Triad

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



255, 0, 253



181, 140, 0



0, 184, 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, 253



0, 255, 2

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, 183, 137



255, 0, 253



74, 166, 0

Square

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



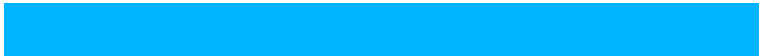
255, 0, 253



255, 89, 0



0, 178, 0



0, 180, 255

Rectangle

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



255, 0, 253



255, 0, 89



0, 178, 0



0, 184, 208

Sweetspot

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



255, 0, 253



255, 179, 254



0, 0, 255



128, 82, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 0, 253



255, 0, 128



128, 115, 127



191, 0, 190



64, 0, 63

Inverse Universe

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



255, 0, 253



0, 255, 128



128, 115, 127



191, 0, 190



64, 0, 63

Previews

White Background



This preview shows how the RGB color 255, 0, 253 looks on a white background.

Color Contrast Check

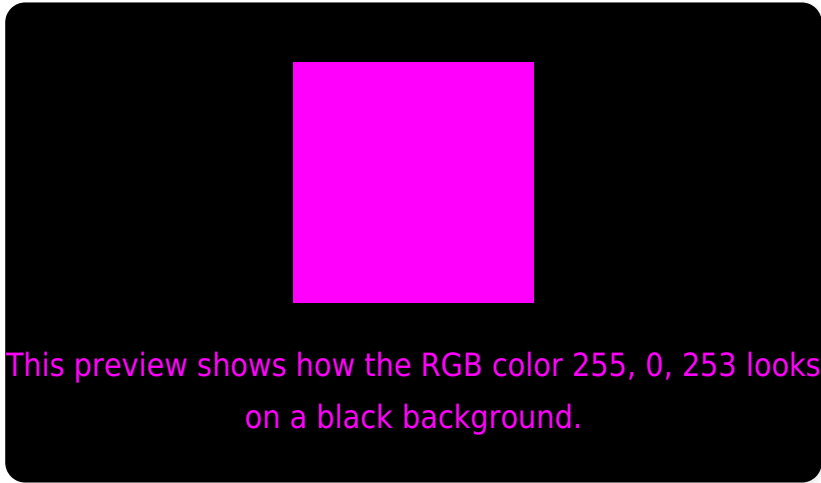
Large Text (above 18pt) WCAG AA ✓ Pass

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, 253 Background



This preview shows how black text looks on a background with the RGB color 255, 0, 253.



This preview shows how white text looks on a background with the RGB color 255, 0, 253.

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, 253

Protanopia

92, 143, 255

Deuteranopia

89, 147, 238



Tritanopia
239, 99, 106

Trichromacy



Original Color
255, 0, 253



Protanomaly
151, 91, 254



Deuteranomaly
149, 94, 243



Tritanomaly
245, 63, 159

Monochromacy



Original Color
255, 0, 253



Achromatopsia
105, 105, 105



Achromatomaly
160, 67, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 0, 253 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 253) }
```

Border

The CSS property to change the border of an element to RGB 255, 0, 253 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, 253) }
```

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

```
.border{ border-color:rgb(255, 0, 253) }
```

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, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 255, 0, 253 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, 253) }
```

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

```
.background{ background-color: rgb(255, 0,  
253) }
```

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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