

Converting Colors

RGB(94, 0, 245)

Have a look what the booklet for
RGB(94, 0, 245) contains.

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Color

RGB(94, 0, 245)

Conversions

Conversions Part 1

Format	Color
Hex	5E00F5
RGB	94, 0, 245
RGB Percent	37%, 0%, 96%
CMY	0.6314, 1.0000, 0.0392
CMYK	0.62, 1.00, 0.00, 0.04
HSL	263°, 100%, 48%
HSV	263°, 100%, 96%
XYZ	21.0975, 8.9723, 87.0061
YIQ	56.0360, -22.6210, 96.1230

Conversions

Conversions Part 2

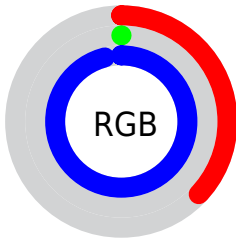
Format	Color
R _Y B	94, 0, 245
Decimal	6160629
CIE Lab	35.93, 78.90, -96.06
CIE LCh	36, 124.305, 309.399
Yxy	8.9723, 0.1802, 0.0766
Android (android.graphics.Color)	4284350709 (0xFF5E00F5)
YUV	56.0360, 93.1593, 33.2944
Hunter-Lab	29.9537, 73.3052, -151.2510

Details

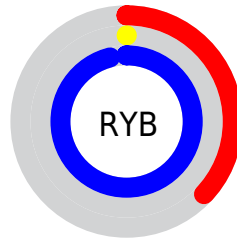
The RGB color **94, 0, 245** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **151, 245, 0**, and the grayscale version is **55, 55, 55**.

A 20% lighter version of the original color is **162, 77, 255**, and **0, 0, 187** is the 20% darker color. If you saturate the color by 10%, you get **94, 0, 245**, and if you desaturate by 10%, it is **109, 24, 245**.

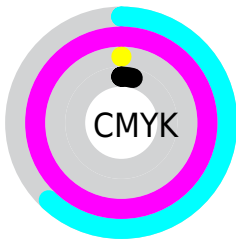
Distribution



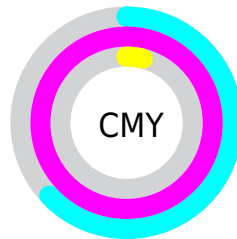
- Red (37%)
- Green (0%)
- Blue (96%)



- Red (37%)
- Yellow (0%)
- Blue (96%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)






















- Cyan (63%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 0, 245 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 94, 0, 245 by changing the saturation by 10% instead.

 94, 0, 245	 94, 0, 245
 255, 255, 255	 52, 0, 216
 162, 77, 255	 0, 0, 187
 194, 105, 255	 0, 0, 159
 226, 134, 255	 0, 0, 132
 255, 162, 255	 0, 4, 105
 255, 191, 255	 0, 10, 80
 255, 220, 255	 0, 5, 56
 255, 249, 255	 0, 2, 33
	 0, 0, 7


 94, 0, 245

 109, 24, 245


 124, 49, 245


 139, 74, 245

 154, 98, 245

 170, 123, 245

 185, 147, 245

 200, 171, 245

 215, 196, 245

 230, 221, 245

Harmonies

Analogous

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



0, 95, 255



94, 0, 245



214, 0, 157

Triad

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



94, 0, 245



156, 46, 0



0, 114, 115

Complementary

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



94, 0, 245



151, 245, 0

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, 111, 0



94, 0, 245



75, 92, 0

Square

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



94, 0, 245



213, 0, 0



0, 107, 0



0, 118, 214

Rectangle

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



94, 0, 245



237, 0, 92



0, 107, 0



0, 113, 80

Sweetspot

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



94, 0, 245



208, 179, 255



0, 151, 245



99, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 0, 245



98, 0, 255



216, 0, 245



115, 110, 122



71, 0, 186



23, 0, 59

Inverse Universe

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



245, 0, 151



255, 0, 157



29, 245, 0



122, 110, 118



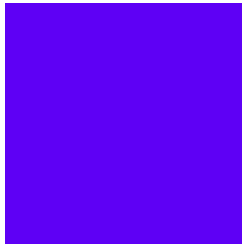
186, 0, 115



59, 0, 36

Previews

White Background



This preview shows how the RGB color 94, 0, 245 looks on a white background.

Color Contrast Check

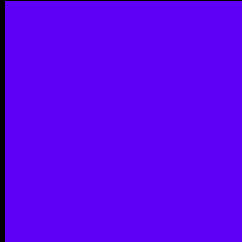
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 94, 0, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 94, 0, 245 Background



This preview shows how black text looks on a background with the RGB color 94, 0, 245.



This preview shows how white text looks on a background with the RGB color 94, 0, 245.

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

94, 0, 245

Protanopia

0, 83, 174

Deuteranopia

0, 88, 148



Tritanopia
0, 95, 103

Trichromacy



Original Color

94, 0, 245

Protanomaly

34, 53, 200

Deuteranomaly

34, 56, 183

Tritanomaly

34, 60, 155

Monochromacy



Original Color

94, 0, 245

Achromatopsia

56, 56, 56

Achromatomaly

70, 36, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 0, 245 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(94, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 245)  
}
```

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(94, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 245) }
```

Border

The CSS property to change the border of an element to RGB 94, 0, 245 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(94, 0, 245) }
```

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

```
.border{ border-color:rgb(94, 0, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 245)  
}
```

Background

The CSS property to change the background color of an element to RGB 94, 0, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 245) }
```

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

```
.background{ background-color: rgb(94, 0,  
245) }
```

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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