

Converting Colors

RGB(94, 0, 217)

Have a look what the booklet for
RGB(94, 0, 217) contains.

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Color

RGB(94, 0, 217)

Conversions

Conversions Part 1

Format	Color
Hex	5E00D9
RGB	94, 0, 217
RGB Percent	37%, 0%, 85%
CMY	0.6314, 1.0000, 0.1490
CMYK	0.57, 1.00, 0.00, 0.15
HSL	266°, 100%, 43%
HSV	266°, 100%, 85%
XYZ	17.1405, 7.3894, 66.1685
YIQ	52.8440, -13.6330, 87.4150

Conversions

Conversions Part 2

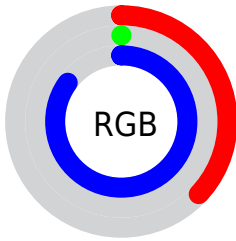
Format	Color
RYB	94, 0, 217
Decimal	6160601
CIELab	32.68, 72.67, -85.48
CIELCh	33, 112.194, 310.370
Yxy	7.3894, 0.1890, 0.0815
Android (android.graphics.Color)	4284350681 (0xFF5E00D9)
YUV	52.8440, 80.9289, 36.0938
Hunter-Lab	27.1835, 64.9814, -125.2918

Details

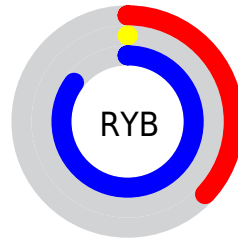
The RGB color **94, 0, 217** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **123, 217, 0**, and the grayscale version is **52, 52, 52**.

A 20% lighter version of the original color is **158, 74, 255**, and **0, 0, 160** is the 20% darker color. If you saturate the color by 10%, you get **94, 0, 217**, and if you desaturate by 10%, it is **106, 22, 217**.

Distribution



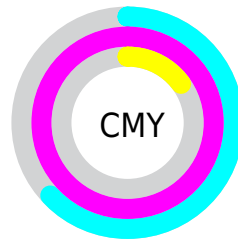
- Red (37%)
- Green (0%)
- Blue (85%)



- Red (37%)
- Yellow (0%)
- Blue (85%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)






















- Cyan (63%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 0, 217 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, 217 by changing the saturation by 10% instead.

 94, 0, 217	 94, 0, 217
 255, 255, 255	 58, 0, 188
 158, 74, 255	 0, 0, 160
 189, 102, 255	 0, 0, 133
 220, 129, 255	 0, 0, 107
 251, 157, 255	 0, 11, 81
 255, 186, 255	 0, 5, 57
 255, 215, 255	 0, 2, 35
 255, 244, 255	 0, 0, 9
	 0, 0, 0

■ 94, 0, 217

■ 106, 22, 217

■ 119, 43, 217

■ 131, 65, 217

■ 143, 87, 217

■ 156, 109, 217

■ 168, 130, 217

■ 180, 152, 217

■ 192, 174, 217

■ 205, 195, 217

Harmonies

Analogous

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



0, 85, 255



94, 0, 217



194, 0, 139

Triad

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



94, 0, 217



139, 46, 0



0, 104, 107

Complementary

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



94, 0, 217



123, 217, 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, 101, 0



94, 0, 217



66, 84, 0

Square

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



94, 0, 217



191, 0, 0



0, 97, 0



0, 107, 194

Rectangle

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



94, 0, 217



214, 0, 81



0, 97, 0



0, 103, 76

Sweetspot

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



94, 0, 217



212, 179, 255



0, 127, 217



101, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 0, 217



110, 0, 255



199, 0, 217



103, 99, 110



75, 0, 173



20, 0, 46

Inverse Universe

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



217, 0, 123



255, 0, 145



18, 217, 0



110, 99, 105



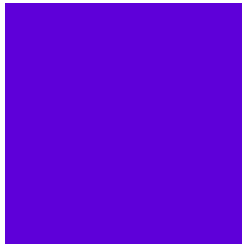
173, 0, 98



46, 0, 26

Previews

White Background



This preview shows how the RGB color 94, 0, 217 looks on a white background.

Color Contrast Check

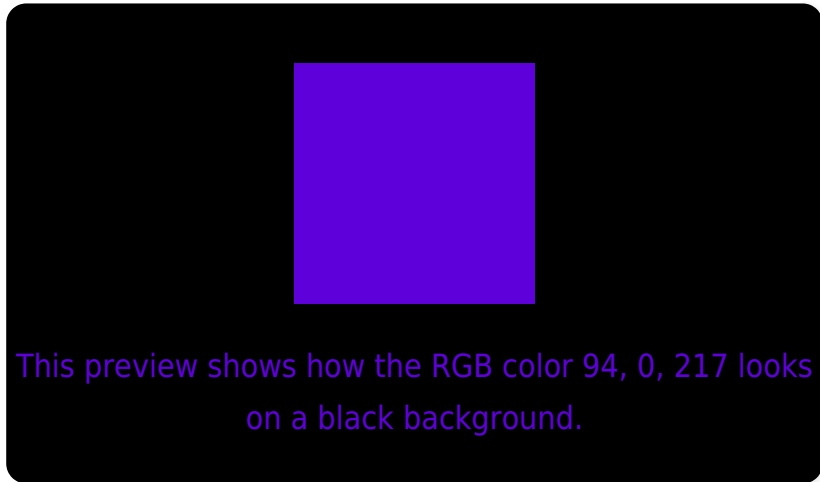
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

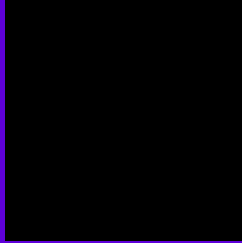
Any Text WCAG AA × Fail

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, 217 Background



This preview shows how black text looks on a background with the RGB color 94, 0, 217.

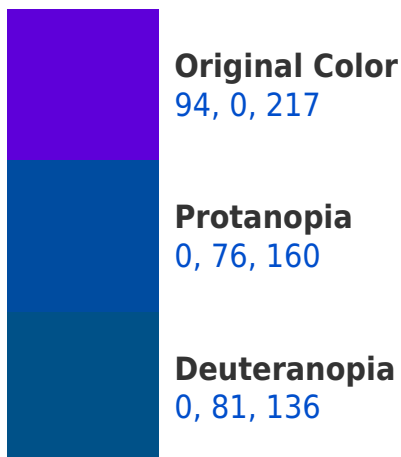


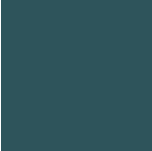
This preview shows how white text looks on a background with the RGB color 94, 0, 217.

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

46, 84, 91

Trichromacy



Original Color

94, 0, 217

Protanomaly

34, 48, 181

Deuteranomaly

34, 52, 165

Tritanomaly

63, 53, 137

Monochromacy



Original Color

94, 0, 217

Achromatopsia

53, 53, 53

Achromatomaly

68, 34, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 0, 217 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 217) }
```

Border

The CSS property to change the border of an element to RGB 94, 0, 217 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, 217) }
```

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

```
.border{ border-color:rgb(94, 0, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 217)  
}
```

Background

The CSS property to change the background color of an element to RGB 94, 0, 217 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, 217) }
```

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

```
.background{ background-color: rgb(94, 0,  
217) }
```

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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