

Converting Colors

RGB(127, 94, 255)

Have a look what the booklet for
RGB(127, 94, 255) contains.

RGB(127, 94, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(127, 94, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7F5EFF
RGB	127, 94, 255
RGB Percent	50%, 37%, 100%
CMY	0.5020, 0.6314, 0.0000
CMYK	0.50, 0.63, 0.00, 0.00
HSL	252°, 100%, 68%
HSV	252°, 63%, 100%
XYZ	30.8051, 19.7374, 96.7938
YIQ	122.2210, -32.0130, 57.0670

Conversions

Conversions Part 2

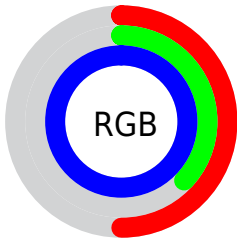
Format	Color
RYB	127, 94, 255
Decimal	8347391
CIELab	51.54, 52.33, -75.86
CIELCh	52, 92.160, 304.601
Yxy	19.7374, 0.2091, 0.1340
Android (android.graphics.Color)	4286537471 (0xFF7F5EFF)
YUV	122.2210, 65.4600, 4.1912
Hunter-Lab	44.4268, 46.0231, -98.0778

Details

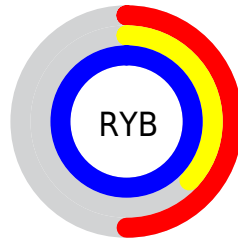
The RGB color **127, 94, 255** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **222, 255, 94**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **188, 146, 255**, and **61, 45, 197** is the 20% darker color. If you saturate the color by 10%, you get **107, 69, 255**, and if you desaturate by 10%, it is **147, 120, 255**.

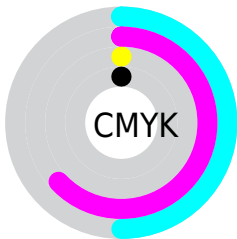
Distribution



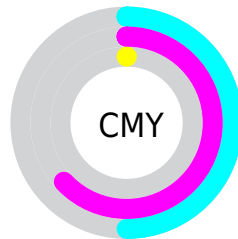
- Red (50%)
- Green (37%)
- Blue (100%)



- Red (50%)
- Yellow (37%)
- Blue (100%)



- Cyan (50%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 127, 94, 255 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 127, 94, 255 by changing the saturation by 10% instead.

 127, 94, 255

 127, 94, 255

255, 255, 255

 96, 69, 226


 188, 146, 255

 61, 45, 197


 218, 173, 255

 4, 20, 169

 249, 201, 255

 0, 0, 142

 255, 229, 255

 0, 0, 115

 0, 1, 90

 0, 7, 65

 0, 3, 42

 0, 1, 20


 127, 94, 255

 127, 94, 255

 107, 69, 255

 147, 120, 255


 86, 43, 255

 168, 145, 255

 66, 18, 255

 188, 171, 255

 52, 0, 255

 208, 196, 255

 228, 222, 255

 249, 247, 255

255, 255, 255

Harmonies

Analogous

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



0, 131, 255



127, 94, 255



222, 16, 192

Triad

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



127, 94, 255



201, 91, 0



0, 154, 133

Complementary

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



127, 94, 255



222, 255, 94

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, 150, 48



127, 94, 255



139, 124, 0

Square

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



127, 94, 255



243, 21, 37



46, 142, 0



0, 154, 212

Rectangle

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



127, 94, 255



249, 0, 141



46, 142, 0



0, 153, 106

Sweetspot

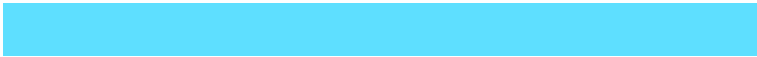
The Sweet Spot groups the original color and five complimentary colors.



127, 94, 255



216, 207, 255



94, 223, 255



104, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 94, 255



101, 61, 255



207, 94, 255



117, 115, 128



39, 0, 191



13, 0, 64

Inverse Universe

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



255, 94, 222



255, 61, 215



142, 255, 94



128, 115, 125



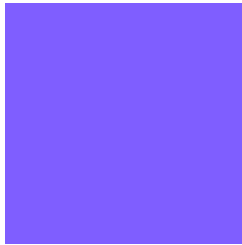
191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RGB color 127, 94, 255 looks on a white background.

Color Contrast Check

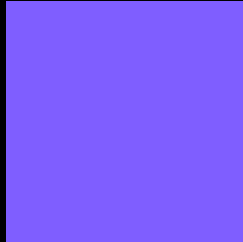
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 94, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

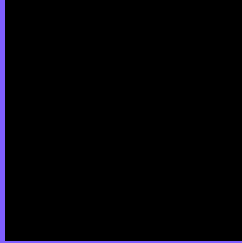
Any Text WCAG AA ✓ Pass

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 127, 94, 255 Background



This preview shows how black text looks on a background with the RGB color 127, 94, 255.

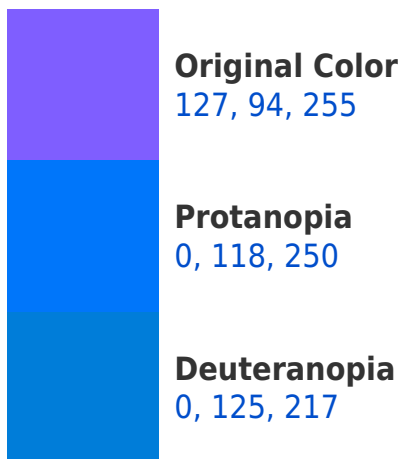


This preview shows how white text looks on a background with the RGB color 127, 94, 255.

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
92, 128, 138

Trichromacy



Original Color

127, 94, 255



Protanomaly

46, 109, 252



Deuteranomaly

46, 114, 231



Tritanomaly

105, 116, 181

Monochromacy



Original Color

127, 94, 255



Achromatopsia

122, 122, 122



Achromatomaly

124, 112, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 94, 255 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(127, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 255)  
}
```

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(127, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 255) }
```

Border

The CSS property to change the border of an element to RGB 127, 94, 255 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(127, 94, 255) }
```

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

```
.border{ border-color:rgb(127, 94, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 94, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 127, 94, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 94, 255) }
```

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

```
.background{ background-color: rgb(127, 94,  
255) }
```

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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