

Converting Colors

RGB(122, 0, 254)

Have a look what the booklet for
RGB(122, 0, 254) contains.

RGB(122, 0, 254)	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(122, 0, 254)

Conversions

Conversions Part 1

Format	Color
Hex	7A00FE
RGB	122, 0, 254
RGB Percent	48%, 0%, 100%
CMY	0.5216, 1.0000, 0.0039
CMYK	0.52, 1.00, 0.00, 0.00
HSL	269°, 100%, 50%
HSV	269°, 100%, 100%
XYZ	25.9154, 11.2933, 94.5799
YIQ	65.4340, -8.8220, 104.8580

Conversions

Conversions Part 2

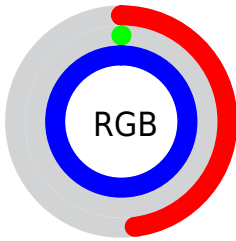
Format	Color
RYB	122, 0, 254
Decimal	7995646
CIELab	40.07, 82.54, -94.16
CIELCh	40, 125.213, 311.239
Yxy	11.2933, 0.1966, 0.0857
Android (android.graphics.Color)	4286185726 (0xFF7A00FE)
YUV	65.4340, 92.9630, 49.6084
Hunter-Lab	33.6056, 78.8433, -143.3426

Details

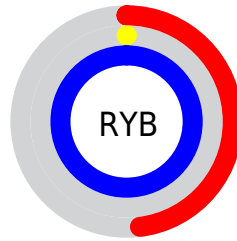
The RGB color **122, 0, 254** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **132, 254, 0**, and the grayscale version is **65, 65, 65**.

A 20% lighter version of the original color is **186, 82, 255**, and **45, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **122, 0, 254**, and if you desaturate by 10%, it is **135, 25, 254**.

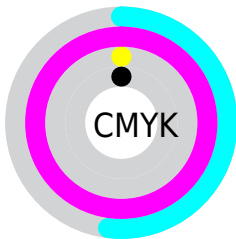
Distribution



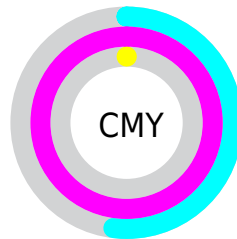
- Red (48%)
- Green (0%)
- Blue (100%)



- Red (48%)
- Yellow (0%)
- Blue (100%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 0, 254 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 122, 0, 254 by changing the saturation by 10% instead.



122, 0, 254



122, 0, 254

255, 255, 255



87, 0, 224



186, 82, 255



45, 0, 196



218, 111, 255



0, 0, 167



250, 140, 255



0, 0, 140



255, 169, 255



0, 0, 113



255, 198, 255



0, 12, 87



255, 227, 255



0, 6, 63





0, 3, 40




0, 1, 18


 122, 0, 254


 135, 25, 254


 148, 51, 254

 162, 76, 254

 175, 102, 254

 188, 127, 254

 201, 152, 254

 214, 178, 254

 228, 203, 254

 241, 229, 254

Harmonies

Analogous

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



0, 102, 255



122, 0, 254



232, 0, 163

Triad

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



122, 0, 254



165, 61, 0



0, 126, 133

Complementary

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



122, 0, 254



132, 254, 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, 123, 12



122, 0, 254



79, 103, 0

Square

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



122, 0, 254



226, 0, 0



0, 118, 0



0, 129, 232

Rectangle

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



122, 0, 254



254, 0, 96



0, 118, 0



0, 125, 97

Sweetspot

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



122, 0, 254



215, 179, 255



0, 135, 254



104, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 0, 254



122, 0, 255



246, 0, 254



121, 115, 128



92, 0, 191



31, 0, 64

Inverse Universe

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



254, 0, 132



255, 0, 133



8, 254, 0



128, 115, 121



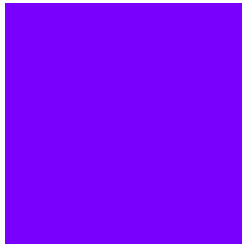
191, 0, 99



64, 0, 33

Previews

White Background



This preview shows how the RGB color 122, 0, 254 looks on a white background.

Color Contrast Check

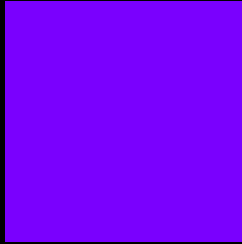
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 122, 0, 254 looks on a black 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

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

RGB 122, 0, 254 Background



This preview shows how black text looks on a background with the RGB color 122, 0, 254.



This preview shows how white text looks on a background with the RGB color 122, 0, 254.

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

122, 0, 254

Protanopia

0, 92, 194

Deuteranopia

0, 98, 166



Tritanopia
77, 99, 107

Trichromacy



Original Color

122, 0, 254



Protanomaly

44, 59, 216



Deuteranomaly

44, 62, 198



Tritanomaly

93, 63, 160

Monochromacy



Original Color

122, 0, 254



Achromatopsia

65, 65, 65



Achromatomaly

86, 41, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 0, 254 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(122, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 254)  
}
```

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(122, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 254) }
```

Border

The CSS property to change the border of an element to RGB 122, 0, 254 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(122, 0, 254) }
```

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

```
.border{ border-color:rgb(122, 0, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(122, 0,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 122, 0, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 254) }
```

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

```
.background{ background-color: rgb(122, 0,  
254) }
```

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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