

Converting Colors

RGB(124, 10, 250)

Have a look what the booklet for
RGB(124, 10, 250) contains.

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Color

RGB(124, 10, 250)

Conversions

Conversions Part 1

Format	Color
Hex	7C0AFA
RGB	124, 10, 250
RGB Percent	49%, 4%, 98%
CMY	0.5137, 0.9608, 0.0196
CMYK	0.50, 0.96, 0.00, 0.02
HSL	268°, 96%, 51%
HSV	268°, 96%, 98%
XYZ	25.6760, 11.4043, 91.2905
YIQ	71.4460, -9.0960, 98.8080

Conversions

Conversions Part 2

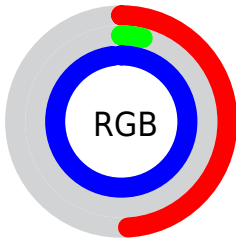
Format	Color
RYB	124, 10, 250
Decimal	8129274
CIELab	40.25, 80.75, -91.60
CIELCh	40, 122.113, 311.397
Yxy	11.4043, 0.2000, 0.0888
Android (android.graphics.Color)	4286319354 (0xFF7C0AFA)
YUV	71.4460, 88.0271, 46.0899
Hunter-Lab	33.7702, 76.6184, -136.6383

Details

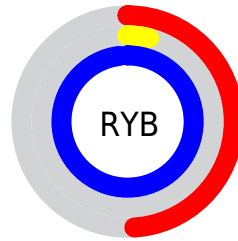
The RGB color **124, 10, 250** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **136, 250, 10**, and the grayscale version is **71, 71, 71**.

A 20% lighter version of the original color is **188, 85, 255**, and **51, 0, 192** is the 20% darker color. If you saturate the color by 10%, you get **119, 0, 250**, and if you desaturate by 10%, it is **137, 35, 250**.

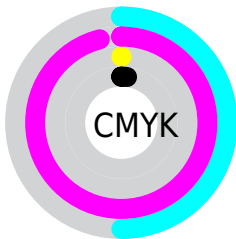
Distribution



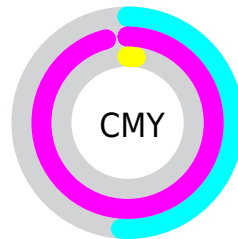
- Red (49%)
- Green (4%)
- Blue (98%)



- Red (49%)
- Yellow (4%)
- Blue (98%)



- Cyan (50%)
- Magenta (96%)
- Yellow (0%)
- Black (2%)




- Cyan (51%)
- Magenta (96%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 10, 250 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 124, 10, 250 by changing the saturation by 10% instead.

 124, 10, 250

 124, 10, 250


255, 255, 255


 90, 0, 221


 188, 85, 255

 51, 0, 192

 219, 114, 255

 0, 0, 164


 251, 142, 255

 0, 0, 136

 255, 171, 255

 0, 0, 110

 255, 200, 255

 0, 11, 84

 255, 229, 255

 0, 6, 60

 0, 2, 37

 0, 1, 14

■ 124, 10, 250

■ 124, 10, 250

■ 119, 0, 250

■ 137, 35, 250

■ 150, 60, 250

■ 163, 85, 250

■ 176, 110, 250

■ 190, 135, 250

■ 203, 160, 250

■ 216, 185, 250

■ 229, 210, 250

■ 242, 235, 250

Harmonies

Analogous

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



0, 102, 255



124, 10, 250



229, 0, 161

Triad

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



124, 10, 250



165, 63, 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.



124, 10, 250



136, 250, 10

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, 124, 17



124, 10, 250



80, 104, 0

Square

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



124, 10, 250



224, 0, 0



0, 118, 0



0, 129, 229

Rectangle

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



124, 10, 250



251, 0, 96



0, 118, 0



0, 125, 98

Sweetspot

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



124, 10, 250



216, 181, 255



10, 138, 250



104, 83, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 10, 250



121, 0, 255



242, 10, 250



118, 112, 125



90, 0, 189



29, 0, 61

Inverse Universe

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



250, 10, 136



255, 0, 134



18, 250, 10



125, 112, 119



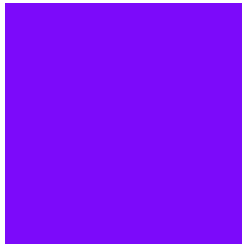
189, 0, 99



61, 0, 32

Previews

White Background



This preview shows how the RGB color 124, 10, 250 looks on a white background.

Color Contrast Check

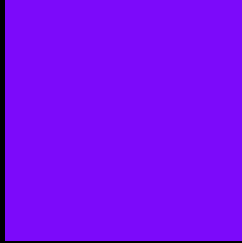
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 10, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

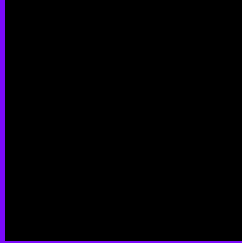
Any Text WCAG AA × Fail

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 124, 10, 250 Background



This preview shows how black text looks on a background with the RGB color 124, 10, 250.



This preview shows how white text looks on a background with the RGB color 124, 10, 250.

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
124, 10, 250

Protanopia
0, 92, 194

Deuteranopia
0, 98, 166



Tritanopia
83, 98, 105

Trichromacy



Original Color

124, 10, 250



Protanomaly

45, 62, 214



Deuteranomaly

45, 66, 197



Tritanomaly

98, 66, 158

Monochromacy



Original Color

124, 10, 250



Achromatopsia

71, 71, 71



Achromatomaly

90, 49, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 10, 250 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(124, 10, 250)` looks like.

```
.text, #text, p{  
    color:rgb(124, 10, 250)  
}
```

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(124, 10, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 10, 250) }
```

Border

The CSS property to change the border of an element to RGB 124, 10, 250 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(124, 10, 250) }
```

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

```
.border{ border-color:rgb(124, 10, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 10, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 10, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 10, 250);  
box-shadow:4px 4px 4px 4px rgb(124, 10,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 124, 10, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 10, 250) }
```

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

```
.background{ background-color: rgb(124, 10,  
250) }
```

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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