

Converting Colors

RGB(150, 10, 248)

Have a look what the booklet for
RGB(150, 10, 248) contains.

RGB(150, 10, 248)	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>	28

Color

RGB(150, 10, 248)

Conversions

Conversions Part 1

Format	Color
Hex	960AF8
RGB	150, 10, 248
RGB Percent	59%, 4%, 97%
CMY	0.4118, 0.9608, 0.0275
CMYK	0.40, 0.96, 0.00, 0.03
HSL	275°, 94%, 51%
HSV	275°, 96%, 97%
XYZ	29.6295, 13.4784, 89.8469
YIQ	78.9920, 7.0420, 103.6980

Conversions

Conversions Part 2

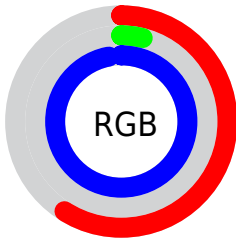
Format	Color
R _Y B	150, 10, 248
Decimal	9833208
CIE Lab	43.48, 82.67, -85.05
CIE LCh	43, 118.602, 314.187
Yxy	13.4784, 0.2229, 0.1014
Android (android.graphics.Color)	4288023288 (0xFF960AF8)
YUV	78.9920, 83.3209, 62.2740
Hunter-Lab	36.7130, 79.8121, -119.4001

Details

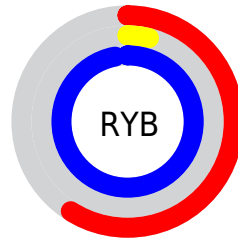
The RGB color **150, 10, 248** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **108, 248, 10**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **212, 88, 255**, and **86, 0, 190** is the 20% darker color. If you saturate the color by 10%, you get **146, 0, 248**, and if you desaturate by 10%, it is **160, 35, 248**.

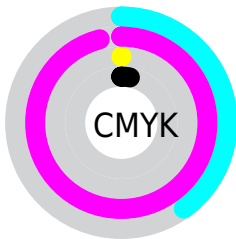
Distribution



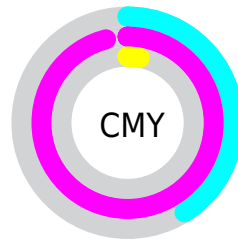
- Red (59%)
- Green (4%)
- Blue (97%)



- Red (59%)
- Yellow (4%)
- Blue (97%)



- Cyan (40%)
- Magenta (96%)
- Yellow (0%)
- Black (3%)




- Cyan (41%)
- Magenta (96%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 150, 10, 248 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 150, 10, 248 by changing the saturation by 10% instead.

 150, 10, 248

 150, 10, 248

255, 255, 255

 119, 0, 219


 212, 88, 255

 86, 0, 190


 243, 118, 255

 50, 0, 162

 255, 147, 255

 0, 0, 135

 255, 176, 255

 0, 0, 108

 255, 206, 255

 0, 2, 83

 255, 236, 255

 0, 6, 59

 0, 2, 36

 0, 0, 12

■ 150, 10, 248

■ 150, 10, 248

■ 146, 0, 248

■ 160, 35, 248

■ 170, 60, 248

■ 181, 84, 248

■ 191, 109, 248

■ 201, 134, 248

■ 211, 159, 248

■ 221, 184, 248

■ 232, 208, 248

■ 242, 233, 248

Harmonies

Analogous

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



0, 104, 255



150, 10, 248



241, 0, 159

Triad

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



150, 10, 248



167, 78, 0



0, 136, 149

Complementary

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



150, 10, 248



108, 248, 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, 133, 42



150, 10, 248



81, 113, 0

Square

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



150, 10, 248



228, 0, 0



0, 128, 0



0, 137, 242

Rectangle

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



150, 10, 248



255, 0, 95



0, 128, 0



0, 135, 115

Sweetspot

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



150, 10, 248



225, 181, 255



10, 109, 248



109, 83, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 10, 248



150, 0, 255



248, 10, 228



120, 112, 125



111, 0, 189



36, 0, 61

Inverse Universe

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



248, 10, 108



255, 0, 105



10, 248, 30



125, 112, 118



189, 0, 78



61, 0, 25

Previews

White Background



This preview shows how the RGB color 150, 10, 248 looks on a white background.

Color Contrast Check

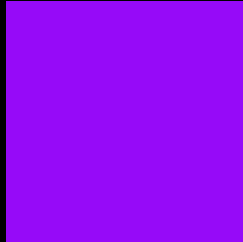
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 10, 248 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 150, 10, 248 Background



This preview shows how black text looks on a background with the RGB color 150, 10, 248.

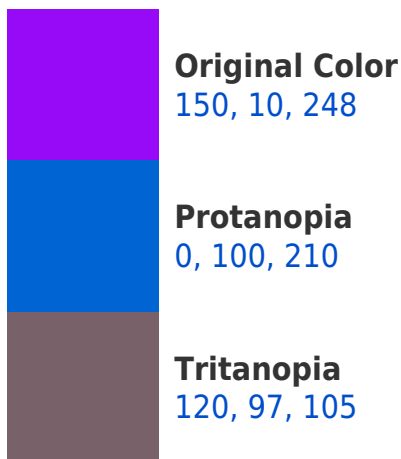


This preview shows how white text looks on a background with the RGB color 150, 10, 248.

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



Trichromacy



Original Color
150, 10, 248

Protanomaly
55, 67, 224

Tritanomaly
131, 65, 157

Monochromacy



Original Color
150, 10, 248

Achromatopsia
79, 79, 79

Achromatomaly
105, 54, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 10, 248 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(150, 10, 248)` looks like.

```
.text, #text, p{  
    color:rgb(150, 10, 248)  
}
```

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(150, 10, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 10, 248) }
```

Border

The CSS property to change the border of an element to RGB 150, 10, 248 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(150, 10, 248) }
```

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

```
.border{ border-color:rgb(150, 10, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 10, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 10, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 10, 248);  
box-shadow:4px 4px 4px 4px rgb(150, 10,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 150, 10, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 10, 248) }
```

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

```
.background{ background-color: rgb(150, 10,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor