

Converting Colors

RGB(125, 14, 255)

Have a look what the booklet for
RGB(125, 14, 255) contains.

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Color

RGB(125, 14, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7D0EFF
RGB	125, 14, 255
RGB Percent	49%, 5%, 100%
CMY	0.5098, 0.9451, 0.0000
CMYK	0.51, 0.95, 0.00, 0.00
HSL	268°, 100%, 53%
HSV	268°, 95%, 100%
XYZ	26.6645, 11.8940, 95.4981
YIQ	74.6630, -11.2050, 98.4830

Conversions

Conversions Part 2

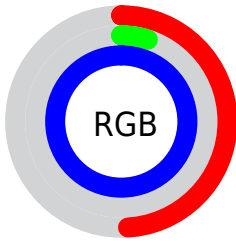
Format	Color
R _Y B	125, 14, 255
Decimal	8195839
CIE Lab	41.05, 81.42, -93.09
CIE LCh	41, 123.673, 311.176
Yxy	11.8940, 0.1989, 0.0887
Android (android.graphics.Color)	4286385919 (0xFF7D0EFF)
YUV	74.6630, 88.9061, 44.1455
Hunter-Lab	34.4878, 77.6552, -140.0353

Details

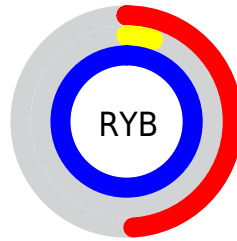
The RGB color **125, 14, 255** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **144, 255, 14**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **189, 86, 255**, and **51, 0, 197** is the 20% darker color. If you saturate the color by 10%, you get **117, 0, 255**, and if you desaturate by 10%, it is **139, 40, 255**.

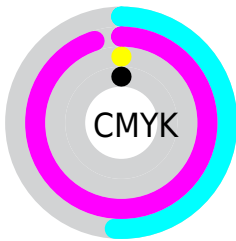
Distribution



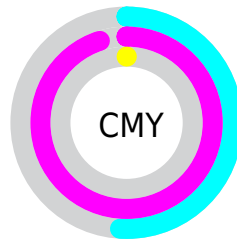
- Red (49%)
- Green (5%)
- Blue (100%)



- Red (49%)
- Yellow (5%)
- Blue (100%)



- Cyan (51%)
- Magenta (95%)
- Yellow (0%)
- Black (0%)




- Cyan (51%)
- Magenta (95%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 14, 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 125, 14, 255 by changing the saturation by 10% instead.

 125, 14, 255

255, 255, 255

 189, 86, 255


 221, 115, 255


 252, 144, 255


 255, 173, 255


 255, 202, 255


 255, 231, 255


 125, 14, 255


 91, 0, 225

 51, 0, 197

 0, 0, 168

 0, 0, 141

 0, 0, 114


 0, 13, 88

 0, 7, 64

 0, 3, 41


 0, 1, 19


 125, 14, 255


 125, 14, 255


 117, 0, 255


 139, 40, 255


 153, 65, 255

 166, 91, 255

 180, 116, 255

 194, 142, 255

 208, 167, 255

 221, 193, 255

 235, 218, 255

 249, 244, 255

Harmonies

Analogous

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



0, 104, 255



125, 14, 255



233, 0, 165

Triad

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



125, 14, 255



168, 64, 0



0, 129, 134

Complementary

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



125, 14, 255



144, 255, 14

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, 126, 16



125, 14, 255



83, 105, 0

Square

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



125, 14, 255



228, 0, 0



0, 121, 0



0, 132, 233

Rectangle

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



125, 14, 255



255, 0, 99



0, 121, 0



0, 128, 99

Sweetspot

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



125, 14, 255



216, 184, 255



14, 147, 255



104, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 14, 255



117, 0, 255



243, 14, 255



121, 115, 128



88, 0, 191



29, 0, 64

Inverse Universe

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



255, 14, 144



255, 0, 138



26, 255, 14



128, 115, 122



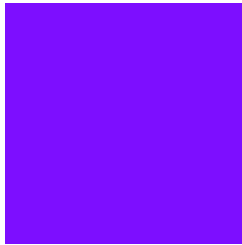
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 125, 14, 255 looks on a white background.

Color Contrast Check

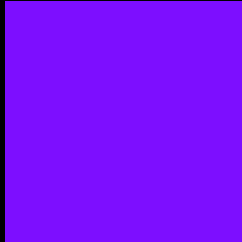
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 14, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

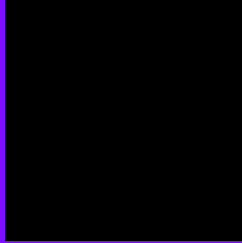
Any Text WCAG AA × Fail

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 125, 14, 255 Background



This preview shows how black text looks on a background with the RGB color 125, 14, 255.



This preview shows how white text looks on a background with the RGB color 125, 14, 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



Original Color
125, 14, 255

Protanopia
0, 94, 197

Deuteranopia
0, 100, 168



Tritanopia
82, 100, 108

Trichromacy



Original Color

125, 14, 255



Protanomaly

45, 65, 218



Deuteranomaly

45, 69, 200



Tritanomaly

98, 69, 161

Monochromacy



Original Color

125, 14, 255



Achromatopsia

75, 75, 75



Achromatomaly

93, 53, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 14, 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(125, 14, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 14, 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(125, 14, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 14, 255) }
```

Border

The CSS property to change the border of an element to RGB 125, 14, 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(125, 14, 255) }
```

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

```
.border{ border-color:rgb(125, 14, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 14, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 14, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 14, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 14,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 125, 14, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 14, 255) }
```

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

```
.background{ background-color: rgb(125, 14,  
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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