

Converting Colors

RGB(125, 90, 219)

Have a look what the booklet for
RGB(125, 90, 219) contains.

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Color

RGB(125, 90, 219)

Conversions

Conversions Part 1

Format	Color
Hex	7D5ADB
RGB	125, 90, 219
RGB Percent	49%, 35%, 86%
CMY	0.5098, 0.6471, 0.1412
CMYK	0.43, 0.59, 0.00, 0.14
HSL	256°, 64%, 61%
HSV	256°, 59%, 86%
XYZ	24.8998, 16.7868, 68.9456
YIQ	115.1710, -20.5490, 47.5390

Conversions

Conversions Part 2

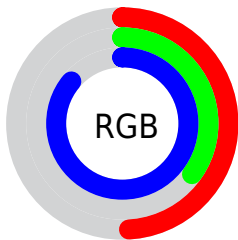
Format	Color
R_{YB}	125, 90, 219
Decimal	8215259
CIE _{Lab}	47.99, 44.11, -61.41
CIE _{LCh}	48, 75.614, 305.687
Yxy	16.7868, 0.2251, 0.1517
Android (android.graphics.Color)	4286405339 (0xFF7D5ADB)
YUV	115.1710, 51.1877, 8.6200
Hunter-Lab	40.9717, 36.7797, -71.0909

Details

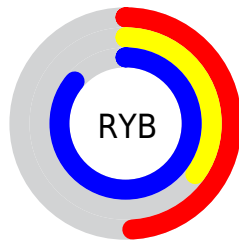
The RGB color **125, 90, 219** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **184, 219, 90**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **183, 141, 255**, and **66, 42, 163** is the 20% darker color. If you saturate the color by 10%, you get **109, 68, 219**, and if you desaturate by 10%, it is **141, 112, 219**.

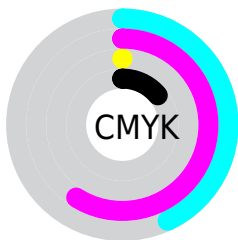
Distribution



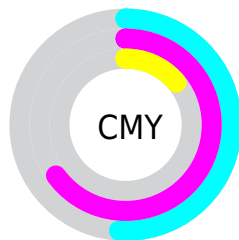
- Red (49%)
- Green (35%)
- Blue (86%)



- Red (49%)
- Yellow (35%)
- Blue (86%)



- Cyan (43%)
- Magenta (59%)
- Yellow (0%)
- Black (14%)




















- Cyan (51%)
- Magenta (65%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 90, 219 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, 90, 219 by changing the saturation by 10% instead.

 125, 90, 219	 125, 90, 219
 255, 255, 255	 96, 66, 191
 183, 141, 255	 66, 42, 163
 212, 168, 255	 32, 18, 136
 242, 196, 255	 0, 0, 110
 255, 224, 255	 0, 0, 85
 255, 253, 255	 0, 6, 60
	 0, 2, 38
	 0, 1, 15
	 0, 0, 0

 125, 90, 219

 125, 90, 219

 109, 68, 219


 141, 112, 219

 93, 46, 219

 157, 134, 219

 77, 24, 219


 173, 156, 219

 61, 2, 219

 189, 178, 219

 59, 0, 219

 205, 199, 219

 221, 221, 219

 237, 243, 219

 253, 255, 219

 255, 255, 219

Harmonies

Analogous

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



0, 119, 243



125, 90, 219



197, 48, 168

Triad

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



125, 90, 219



179, 90, 0



0, 141, 125

Complementary

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



125, 90, 219



184, 219, 90

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, 138, 57



125, 90, 219



128, 115, 0

Square

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



125, 90, 219



213, 52, 43



57, 130, 0



0, 140, 187

Rectangle

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



125, 90, 219



218, 14, 126



57, 130, 0



0, 140, 102

Sweetspot

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



125, 90, 219



222, 209, 255



90, 185, 219



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 90, 219



123, 74, 255



189, 90, 219



102, 99, 110



47, 0, 173



12, 0, 46

Inverse Universe

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



219, 90, 184



255, 74, 206



120, 219, 90



110, 99, 107



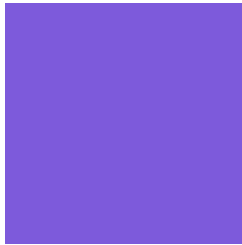
173, 0, 126



46, 0, 33

Previews

White Background



This preview shows how the RGB color 125, 90, 219 looks on a white background.

Color Contrast Check

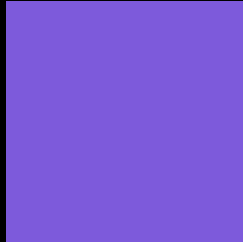
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 219 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, 90, 219 Background



This preview shows how black text looks on a background with the RGB color 125, 90, 219.

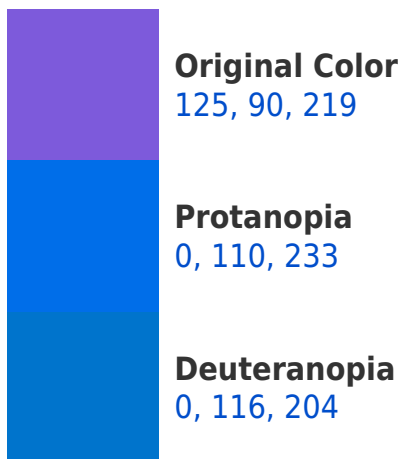


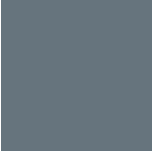
This preview shows how white text looks on a background with the RGB color 125, 90, 219.

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](#).

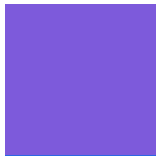
Dichromacy





Tritanopia
102, 116, 125

Trichromacy



Original Color

125, 90, 219



Protanomaly

45, 103, 228



Deuteranomaly

45, 107, 209



Tritanomaly

110, 107, 159

Monochromacy



Original Color

125, 90, 219



Achromatopsia

115, 115, 115



Achromatomaly

119, 106, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 90, 219 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, 90, 219)` looks like.

```
.text, #text, p{  
    color:rgb(125, 90, 219)  
}
```

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, 90, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 90, 219) }
```

Border

The CSS property to change the border of an element to RGB 125, 90, 219 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, 90, 219) }
```

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

```
.border{ border-color:rgb(125, 90, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 90, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 90, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 90, 219);  
box-shadow:4px 4px 4px 4px rgb(125, 90,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 125, 90, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 90, 219) }
```

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

```
.background{ background-color: rgb(125, 90,  
219) }
```

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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