

Converting Colors

RGB(125, 126, 242)

Have a look what the booklet for
RGB(125, 126, 242) contains.

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Color

RGB(125, 126, 242)

Conversions

Conversions Part 1

Format	Color
Hex	7D7EF2
RGB	125, 126, 242
RGB Percent	49%, 49%, 95%
CMY	0.5098, 0.5059, 0.0510
CMYK	0.48, 0.48, 0.00, 0.05
HSL	239°, 82%, 72%
HSV	239°, 48%, 95%
XYZ	31.9453, 25.6925, 87.2798
YIQ	138.9250, -37.8320, 35.8640

Conversions

Conversions Part 2

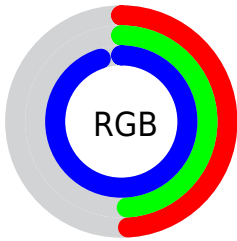
Format	Color
R _Y B	125, 126, 242
Decimal	8224498
CIE Lab	57.74, 29.78, -58.64
CIE LCh	58, 65.768, 296.919
Yxy	25.6925, 0.2204, 0.1773
Android (android.graphics.Color)	4286414578 (0xFF7D7EF2)
YUV	138.9250, 50.8160, -12.2122
Hunter-Lab	50.6878, 23.7938, -66.6107

Details

The RGB color **125, 126, 242** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **242, 241, 125**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **183, 179, 255**, and **65, 77, 185** is the 20% darker color. If you saturate the color by 10%, you get **101, 102, 242**, and if you desaturate by 10%, it is **149, 150, 242**.

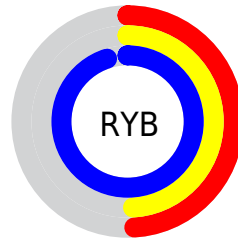
Distribution



Red (49%)

Green (49%)

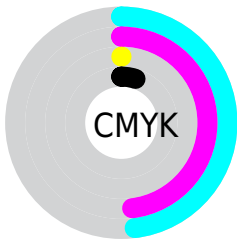
Blue (95%)



Red (49%)

Yellow (49%)

Blue (95%)

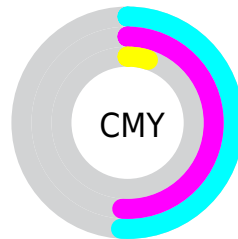


Cyan (48%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 126, 242 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, 126, 242 by changing the saturation by 10% instead.

 125, 126, 242


255, 255, 255

 183, 179, 255

 213, 206, 255

 243, 234, 255


 125, 126, 242

 96, 101, 213

 65, 77, 185

 26, 54, 158

 0, 33, 131


 0, 15, 105

 0, 0, 80


 0, 5, 56


 0, 2, 34

 0, 0, 7

 125, 126, 242

 125, 126, 242

 101, 102, 242

 149, 150, 242

 77, 78, 242

 173, 174, 242

 52, 54, 242

 198, 198, 242

 28, 30, 242

 222, 222, 242

 4, 6, 242

 246, 246, 242

 0, 2, 242

 255, 255, 242

Harmonies

Analogous

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



0, 147, 254



125, 126, 242



202, 99, 202

Triad

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



125, 126, 242



214, 111, 39



0, 165, 131

Complementary

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



125, 126, 242



242, 241, 125

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.



2, 160, 72



125, 126, 242



171, 134, 0

Square

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



125, 126, 242



238, 86, 90



115, 151, 13



0, 165, 189

Rectangle

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



125, 126, 242



229, 84, 166



115, 151, 13



0, 164, 111

Sweetspot

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



125, 126, 242



217, 217, 255



125, 242, 240



105, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 126, 242



107, 108, 255



182, 125, 242



108, 108, 120



0, 2, 184



0, 0, 56

Inverse Universe

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



242, 125, 126



255, 107, 108



185, 242, 125



120, 108, 108



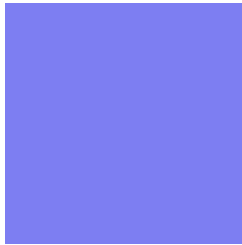
184, 0, 2



56, 0, 0

Previews

White Background



This preview shows how the RGB color 125, 126, 242 looks on a white background.

Color Contrast Check

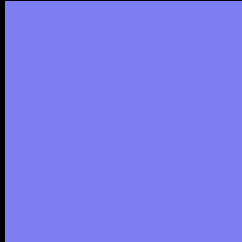
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 125, 126, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

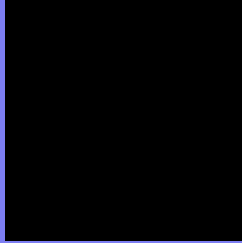
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 125, 126, 242 Background



This preview shows how black text looks on a background with the RGB color 125, 126, 242.

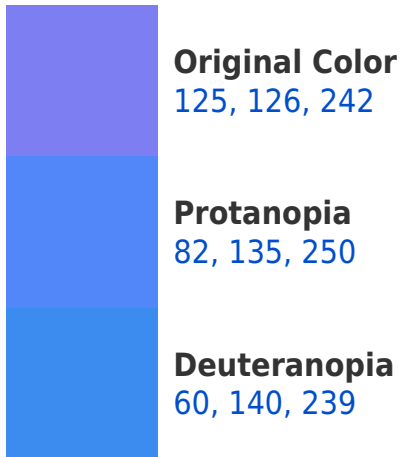


This preview shows how white text looks on a background with the RGB color 125, 126, 242.

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
100, 146, 158

Trichromacy



Original Color
125, 126, 242

Protanomaly
98, 132, 247

Deuteranomaly
84, 135, 240

Tritanomaly
109, 139, 189

Monochromacy



Original Color
125, 126, 242

Achromatopsia
139, 139, 139

Achromatomaly
134, 134, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 126, 242 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, 126, 242)` looks like.

```
.text, #text, p{  
    color:rgb(125, 126, 242)  
}
```

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, 126, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 126, 242) }
```

Border

The CSS property to change the border of an element to RGB 125, 126, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

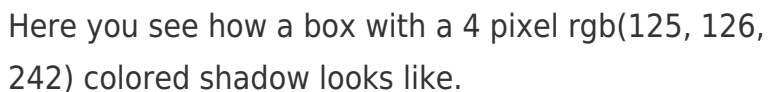
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 126, 242) }
```

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

```
.border{ border-color:rgb(125, 126, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 126, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 126, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 126, 242);  
box-shadow:4px 4px 4px 4px rgb(125, 126,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 125, 126, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 126, 242) }
```

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

```
.background{ background-color: rgb(125,  
126, 242) }
```

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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