

Converting Colors

RGB(125, 125, 253)

Have a look what the booklet for
RGB(125, 125, 253) contains.

RGB(125, 125, 253)	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>	29

Color

RGB(125, 125, 253)

Conversions

Conversions Part 1

Format	Color
Hex	7D7DFD
RGB	125, 125, 253
RGB Percent	49%, 49%, 99%
CMY	0.5098, 0.5098, 0.0078
CMYK	0.51, 0.51, 0.00, 0.01
HSL	240°, 97%, 74%
HSV	240°, 51%, 99%
XYZ	33.5207, 26.1191, 96.2033
YIQ	139.5920, -41.0880, 39.8080

Conversions

Conversions Part 2

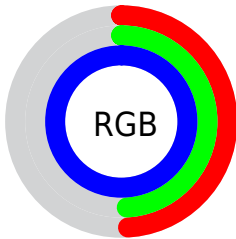
Format	Color
RYB	125, 125, 253
Decimal	8224253
CIELab	58.15, 33.65, -64.07
CIELCh	58, 72.368, 297.708
Yxy	26.1191, 0.2151, 0.1676
Android (android.graphics.Color)	4286414333 (0xFF7D7DFD)
YUV	139.5920, 55.9101, -12.7972
Hunter-Lab	51.1068, 27.6403, -75.8325

Details

The RGB color **125, 125, 253** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **253, 253, 125**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **184, 178, 255**, and **62, 76, 195** is the 20% darker color. If you saturate the color by 10%, you get **100, 100, 253**, and if you desaturate by 10%, it is **150, 150, 253**.

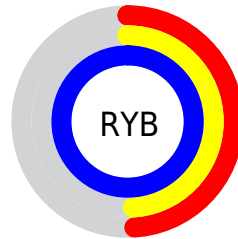
Distribution



Red (49%)

Green (49%)

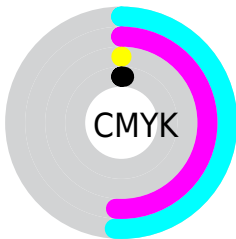
Blue (99%)



Red (49%)

Yellow (49%)

Blue (99%)

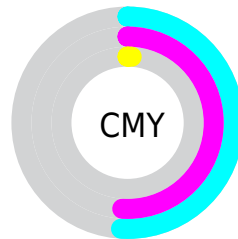


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 125, 253 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, 125, 253 by changing the saturation by 10% instead.

 125, 125, 253

 125, 125, 253

255, 255, 255

 95, 100, 224

 184, 178, 255


 62, 76, 195

 214, 205, 255

 16, 53, 168

 245, 233, 255

 0, 32, 141

 0, 14, 114

 0, 0, 89


 0, 7, 64


 0, 3, 41

 0, 1, 20


 125, 125, 253

 125, 125, 253

 100, 100, 253

 150, 150, 253

 74, 74, 253

 176, 176, 253

 49, 49, 253

 201, 201, 253

 24, 24, 253

 226, 226, 253

 0, 0, 253

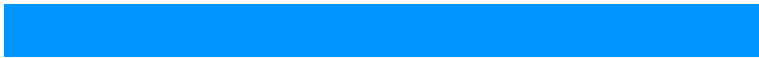
 252, 252, 253

 255, 255, 253

Harmonies

Analogous

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



0, 149, 255



125, 125, 253



210, 93, 209

Triad

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



125, 125, 253



219, 109, 23



0, 168, 133

Complementary

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



125, 125, 253



253, 253, 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.



0, 163, 67



125, 125, 253



172, 135, 0

Square

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



125, 125, 253



247, 79, 85



110, 153, 0



0, 168, 197

Rectangle

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



125, 125, 253



239, 74, 169



110, 153, 0



0, 167, 111

Sweetspot

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



125, 125, 253



217, 217, 255



125, 253, 253



105, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 125, 253



99, 99, 255



189, 125, 253



115, 115, 128



0, 0, 191



0, 0, 64

Inverse Universe

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



253, 125, 253



255, 99, 255



189, 253, 125



128, 115, 128



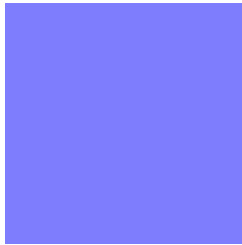
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 125, 125, 253 looks on a white background.

Color Contrast Check

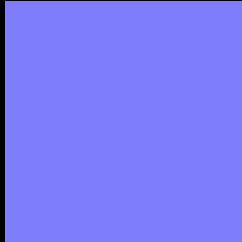
Large Text (above 18pt) WCAG AA ✓ Pass

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, 125, 253 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, 125, 253 Background



This preview shows how black text looks on a background with the RGB color 125, 125, 253.

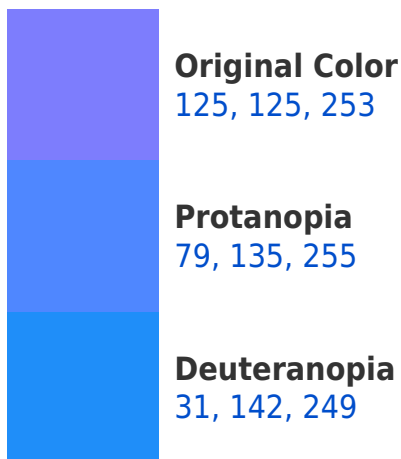


This preview shows how white text looks on a background with the RGB color 125, 125, 253.

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
96, 148, 160

Trichromacy



Original Color
125, 125, 253

Protanomaly
96, 131, 254

Deuteranomaly
65, 136, 250

Tritanomaly
107, 140, 194

Monochromacy



Original Color
125, 125, 253

Achromatopsia
140, 140, 140

Achromatomaly
135, 135, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 125, 253 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, 125, 253)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 253)  
}
```

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, 125, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 253) }
```

Border

The CSS property to change the border of an element to RGB 125, 125, 253 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, 125, 253) }
```

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

```
.border{ border-color:rgb(125, 125, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 253);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 125, 125, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 253) }
```

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

```
.background{ background-color: rgb(125,  
125, 253) }
```

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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