

Converting Colors

RGB(125, 112, 218)

Have a look what the booklet for
RGB(125, 112, 218) contains.

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Color

RGB(125, 112, 218)

Conversions

Conversions Part 1

Format	Color
Hex	7D70DA
RGB	125, 112, 218
RGB Percent	49%, 44%, 85%
CMY	0.5098, 0.5608, 0.1451
CMYK	0.43, 0.49, 0.00, 0.15
HSL	247°, 59%, 65%
HSV	247°, 49%, 85%
XYZ	26.9065, 21.0103, 68.9669
YIQ	127.9710, -26.2780, 35.7220

Conversions

Conversions Part 2

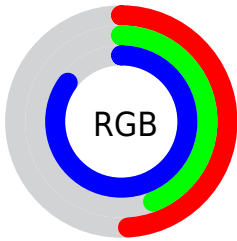
Format	Color
RYB	125, 112, 218
Decimal	8220890
CIELab	52.96, 31.06, -52.86
CIElCh	53, 61.312, 300.436
Yxy	21.0103, 0.2302, 0.1798
Android (android.graphics.Color)	4286410970 (0xFF7D70DA)
YUV	127.9710, 44.3843, -2.6056
Hunter-Lab	45.8370, 24.5656, -57.1227

Details

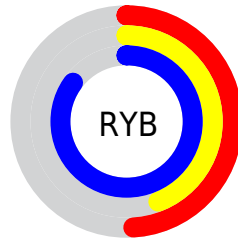
The RGB color **125, 112, 218** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **205, 218, 112**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **182, 164, 255**, and **68, 64, 162** is the 20% darker color. If you saturate the color by 10%, you get **106, 90, 218**, and if you desaturate by 10%, it is **144, 134, 218**.

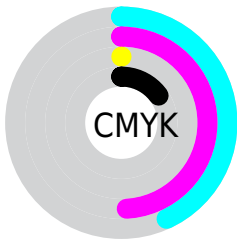
Distribution



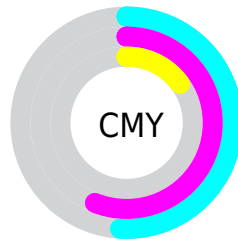
- Red (49%)
- Green (44%)
- Blue (85%)



- Red (49%)
- Yellow (44%)
- Blue (85%)



- Cyan (43%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)




- Cyan (51%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 112, 218 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, 112, 218 by changing the saturation by 10% instead.

 125, 112, 218

255, 255, 255

 182, 164, 255

 211, 191, 255

 240, 219, 255

 255, 248, 255

 125, 112, 218

 97, 87, 190

 68, 64, 162

 37, 42, 136

 0, 21, 110

 0, 0, 85

 0, 5, 60


 0, 2, 38

 0, 1, 15

 0, 0, 0

 125, 112, 218

 125, 112, 218

 106, 90, 218

 144, 134, 218


 87, 68, 218

 163, 156, 218

 68, 47, 218

 182, 177, 218

 48, 25, 218

 202, 199, 218

 29, 3, 218

 221, 221, 218

 27, 0, 218

 240, 243, 218

 255, 255, 218

Harmonies

Analogous

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



0, 133, 232



125, 112, 218



190, 87, 179

Triad

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



125, 112, 218



191, 103, 29



0, 150, 126

Complementary

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



125, 112, 218



205, 218, 112

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, 147, 71



125, 112, 218



151, 124, 0

Square

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



125, 112, 218



216, 81, 76



98, 139, 19



0, 150, 179

Rectangle

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



125, 112, 218



212, 74, 146



98, 139, 19



0, 150, 107

Sweetspot

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



125, 112, 218



221, 217, 255



112, 206, 218



107, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 112, 218



125, 107, 255



177, 112, 218



100, 99, 110



21, 0, 173



6, 0, 46

Inverse Universe

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



218, 112, 205



255, 107, 237



153, 218, 112



110, 99, 108



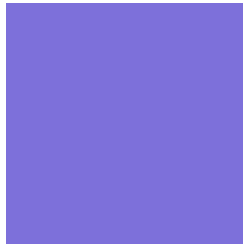
173, 0, 152



46, 0, 40

Previews

White Background



This preview shows how the RGB color 125, 112, 218 looks on a white background.

Color Contrast Check

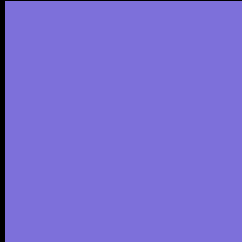
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

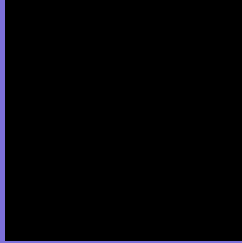
Any Text WCAG AA ✓ Pass

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, 112, 218 Background



This preview shows how black text looks on a background with the RGB color 125, 112, 218.

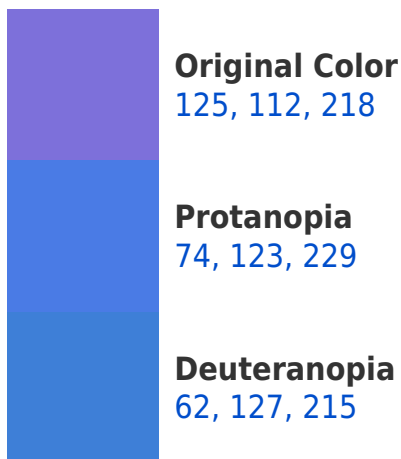



This preview shows how white text looks on a background with the RGB color 125, 112, 218.

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



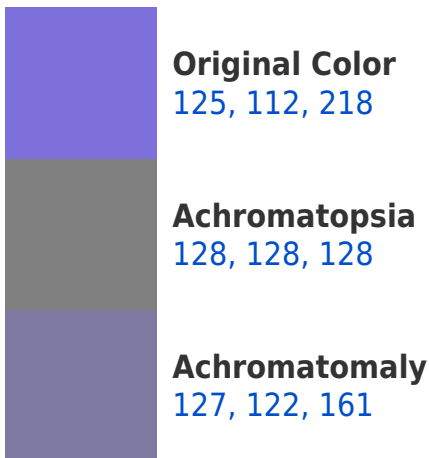


Tritanopia
106, 130, 141

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 112, 218 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, 112, 218)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 218)  
}
```

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, 112, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 218) }
```

Border

The CSS property to change the border of an element to RGB 125, 112, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

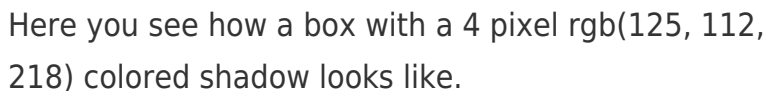
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 112, 218) }
```

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

```
.border{ border-color:rgb(125, 112, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 112, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 218);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 125, 112, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 218) }
```

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

```
.background{ background-color: rgb(125,  
112, 218) }
```

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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