

Converting Colors

RGB(122, 109, 190)

Have a look what the booklet for
RGB(122, 109, 190) contains.

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Color

RGB(122, 109, 190)

Conversions

Conversions Part 1

Format	Color
Hex	7A6DBE
RGB	122, 109, 190
RGB Percent	48%, 43%, 75%
CMY	0.5216, 0.5725, 0.2549
CMYK	0.36, 0.43, 0.00, 0.25
HSL	250°, 38%, 59%
HSV	250°, 43%, 75%
XYZ	22.7889, 18.7926, 51.1414
YIQ	122.1210, -18.2530, 27.9470

Conversions

Conversions Part 2

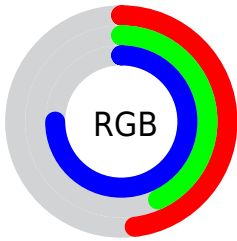
Format	Color
R_{YB}	122, 109, 190
Decimal	8023486
CIE _{Lab}	50.44, 24.23, -40.91
CIE _{LCh}	50, 47.543, 300.635
Yxy	18.7926, 0.2458, 0.2027
Android (android.graphics.Color)	4286213566 (0xFF7A6DBE)
YUV	122.1210, 33.4643, -0.1061
Hunter-Lab	43.3504, 17.9728, -39.6005

Details

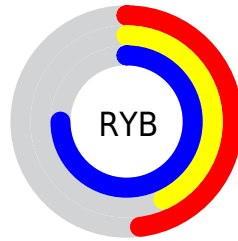
The RGB color **122, 109, 190** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **177, 190, 109**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **177, 161, 247**, and **69, 61, 136** is the 20% darker color. If you saturate the color by 10%, you get **106, 90, 190**, and if you desaturate by 10%, it is **138, 128, 190**.

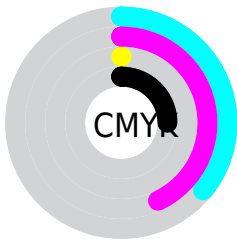
Distribution



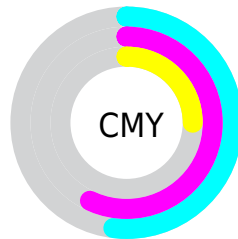
- Red (48%)
- Green (43%)
- Blue (75%)



- Red (48%)
- Yellow (43%)
- Blue (75%)



- Cyan (36%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)




- Cyan (52%)
- Magenta (57%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the RGB color 122, 109, 190 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 122, 109, 190 by changing the saturation by 10% instead.

 122, 109, 190


255, 255, 255

 177, 161, 247

 205, 188, 255

 234, 215, 255

 255, 244, 255

 122, 109, 190

 95, 85, 163

 69, 61, 136

 42, 39, 110


 10, 19, 85


 0, 0, 62


 0, 3, 39

 0, 1, 16

 0, 0, 0

 122, 109, 190

 122, 109, 190


 106, 90, 190

 138, 128, 190


 90, 71, 190

 154, 147, 190

 74, 52, 190


 170, 166, 190

 58, 33, 190

 186, 185, 190

 42, 14, 190

 202, 204, 190

 30, 0, 190

 218, 223, 190

 234, 242, 190

 250, 255, 190

 255, 255, 190

Harmonies

Analogous

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



13, 124, 201



122, 109, 190



170, 92, 160

Triad

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



122, 109, 190



173, 103, 49



0, 140, 120

Complementary

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



122, 109, 190



177, 190, 109

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.



41, 137, 78



122, 109, 190



141, 118, 33

Square

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



122, 109, 190



192, 88, 81



100, 130, 45



0, 139, 160

Rectangle

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



122, 109, 190



187, 85, 135



100, 130, 45



0, 139, 106

Sweetspot

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



122, 109, 190



220, 215, 247



109, 178, 190



108, 105, 125



252, 252, 252



125, 125, 125

Same Dimension

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



122, 109, 190



141, 121, 247



162, 109, 190



86, 85, 94



25, 0, 158



5, 0, 31

Inverse Universe

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



190, 109, 177



247, 121, 227



137, 190, 109



94, 85, 93



158, 0, 133



31, 0, 26

Previews

White Background



This preview shows how the RGB color 122, 109, 190 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 122, 109, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

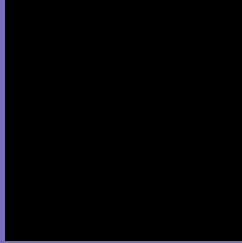
Any Text WCAG AA ✓ Pass

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 122, 109, 190 Background



This preview shows how black text looks on a background with the RGB color 122, 109, 190.

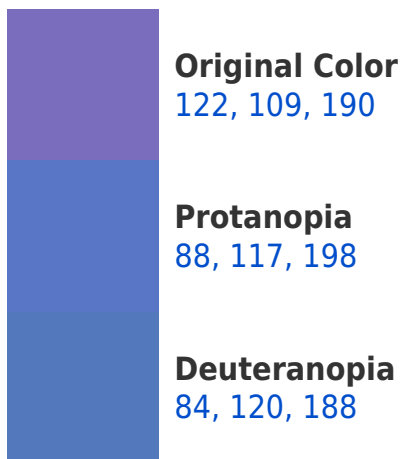


This preview shows how white text looks on a background with the RGB color 122, 109, 190.

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
109, 122, 132

Trichromacy



Original Color
122, 109, 190

Protanomaly
100, 114, 195

Deuteranomaly
98, 116, 189

Tritanomaly
114, 117, 153

Monochromacy



Original Color
122, 109, 190

Achromatopsia
122, 122, 122

Achromatomaly
122, 117, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 109, 190 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(122, 109, 190)` looks like.

```
.text, #text, p{  
    color:rgb(122, 109, 190)  
}
```

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(122, 109, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 109, 190) }
```

Border

The CSS property to change the border of an element to RGB 122, 109, 190 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(122, 109, 190) }
```

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

```
.border{ border-color:rgb(122, 109, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 109, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 109, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 109, 190);  
box-shadow:4px 4px 4px 4px rgb(122, 109,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 122, 109, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 109, 190) }
```

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

```
.background{ background-color: rgb(122,  
109, 190) }
```

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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