

Converting Colors

RGB(122, 85, 178)

Have a look what the booklet for
RGB(122, 85, 178) contains.

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Color

RGB(122, 85, 178)

Conversions

Conversions Part 1

Format	Color
Hex	7A55B2
RGB	122, 85, 178
RGB Percent	48%, 33%, 70%
CMY	0.5216, 0.6667, 0.3020
CMYK	0.31, 0.52, 0.00, 0.30
HSL	264°, 38%, 52%
HSV	264°, 52%, 70%
XYZ	19.3104, 13.8489, 43.7748
YIQ	106.6650, -7.8010, 36.7670

Conversions

Conversions Part 2

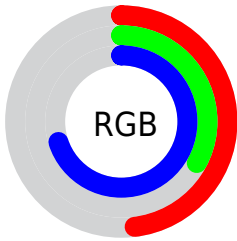
Format	Color
R_{YB}	122, 85, 178
Decimal	8017330
CIE _{Lab}	44.02, 35.25, -44.14
CIE _{LCh}	44, 56.485, 308.613
Yxy	13.8489, 0.2510, 0.1800
Android (android.graphics.Color)	4286207410 (0xFF7A55B2)
YUV	106.6650, 35.1682, 13.4488
Hunter-Lab	37.2141, 27.4989, -43.6926

Details

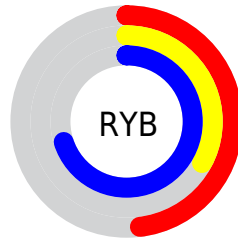
The RGB color **122, 85, 178** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **141, 178, 85**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **177, 136, 234**, and **69, 38, 125** is the 20% darker color. If you saturate the color by 10%, you get **111, 67, 178**, and if you desaturate by 10%, it is **133, 103, 178**.

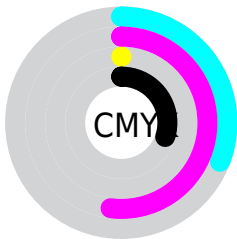
Distribution



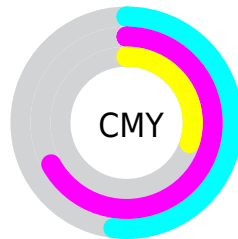
- Red (48%)
- Green (33%)
- Blue (70%)



- Red (48%)
- Yellow (33%)
- Blue (70%)



- Cyan (31%)
- Magenta (52%)
- Yellow (0%)
- Black (30%)



- Cyan (52%)
- Magenta (67%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 85, 178 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, 85, 178 by changing the saturation by 10% instead.



122, 85, 178



122, 85, 178

255, 255, 255



95, 61, 151



177, 136, 234



69, 38, 125



205, 162, 255



42, 15, 99



234, 190, 255



14, 0, 75



255, 218, 255



0, 0, 51



255, 246, 255



0, 2, 29



0, 0, 0



122, 85, 178



122, 85, 178



111, 67, 178



133, 103, 178

101, 49, 178

143, 121, 178

90, 32, 178

154, 138, 178

79, 14, 178

165, 156, 178

71, 0, 178

176, 174, 178

186, 192, 178

197, 210, 178

208, 227, 178

218, 245, 178

Harmonies

Analogous

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



0, 105, 198



122, 85, 178



170, 62, 139

Triad

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



122, 85, 178



152, 89, 0



0, 125, 117

Complementary

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



122, 85, 178



141, 178, 85

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, 123, 68



122, 85, 178



113, 106, 0

Square

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



122, 85, 178



179, 68, 48



62, 117, 19



0, 124, 162

Rectangle

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



122, 85, 178



184, 53, 108



62, 117, 19



0, 125, 100

Sweetspot

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



122, 85, 178



210, 195, 232



85, 142, 178



104, 95, 117



245, 245, 245



117, 117, 117

Same Dimension

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



122, 85, 178



144, 86, 232



167, 85, 178



84, 80, 89



61, 0, 153



10, 0, 26

Inverse Universe

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



178, 85, 141



232, 86, 174



96, 178, 85



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 122, 85, 178 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 122, 85, 178 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 122, 85, 178 Background



This preview shows how black text looks on a background with the RGB color 122, 85, 178.

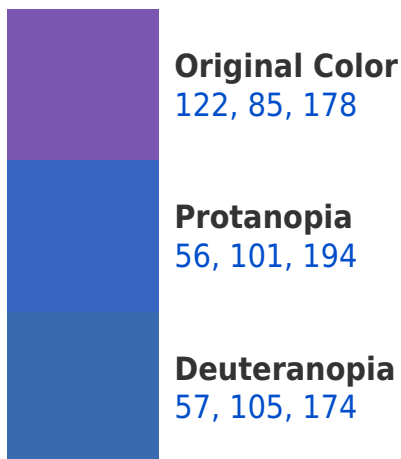



This preview shows how white text looks on a background with the RGB color 122, 85, 178.

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, 102, 110

Trichromacy



Original Color
122, 85, 178

Protanomaly
80, 95, 188

Deuteranomaly
81, 98, 175

Tritanomaly
114, 96, 135

Monochromacy



Original Color
122, 85, 178

Achromatopsia
107, 107, 107

Achromatomaly
112, 99, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 85, 178 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, 85, 178)` looks like.

```
.text, #text, p{  
    color:rgb(122, 85, 178)  
}
```

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, 85, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 85, 178) }
```

Border

The CSS property to change the border of an element to RGB 122, 85, 178 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, 85, 178) }
```

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

```
.border{ border-color:rgb(122, 85, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 85, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 85, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 85, 178);  
box-shadow:4px 4px 4px 4px rgb(122, 85,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 122, 85, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 85, 178) }
```

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

```
.background{ background-color: rgb(122, 85,  
178) }
```

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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