

Converting Colors

`RYB(122, 92, 219)`

Have a look what the booklet for
RYB(122, 92, 219) contains.

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Color

R_YB(122, 92, 219)

Conversions

Conversions Part 1

Format	Color
Hex	7A5CDB
RGB	122, 92, 219
RGB Percent	48%, 36%, 86%
CMY	0.5216, 0.6392, 0.1412
CMYK	0.44, 0.58, 0.00, 0.14
HSL	254°, 64%, 61%
HSV	254°, 58%, 86%
XYZ	24.6394, 16.9063, 68.9824
YIQ	115.4480, -22.8870, 45.8570

Conversions

Conversions Part 2

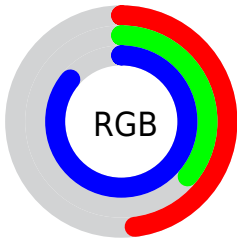
Format	Color
R_{YB}	122, 92, 219
Decimal	8019163
CIE _{Lab}	48.14, 42.34, -61.18
CIE _{LCh}	48, 74.404, 304.682
Yxy	16.9063, 0.2229, 0.1530
Android (android.graphics.Color)	4286209243 (0xFF7A5CDB)
YUV	115.4480, 51.0511, 5.7461
Hunter-Lab	41.1173, 35.0100, -70.6886

Details

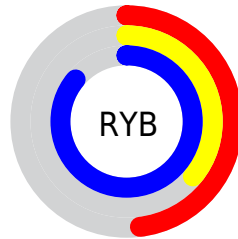
The RYB color **122, 92, 219** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **92, 219, 122**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **180, 143, 255**, and **63, 44, 163** is the 20% darker color. If you saturate the color by 10%, you get **105, 70, 219**, and if you desaturate by 10%, it is **139, 114, 219**.

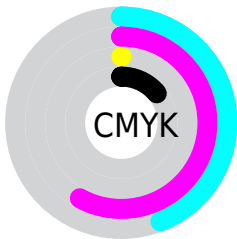
Distribution



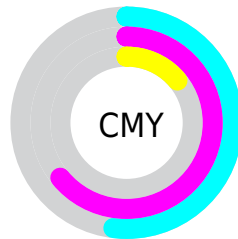
- Red (48%)
- Green (36%)
- Blue (86%)



- Red (48%)
- Yellow (36%)
- Blue (86%)



- Cyan (44%)
- Magenta (58%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (64%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 92, 219 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 RYB color 122, 92, 219 by changing the saturation by 10% instead.

 122, 92, 219

 122, 92, 219

255, 255, 255

 93, 68, 191


 180, 143, 255

 63, 44, 163

 209, 170, 255

 27, 21, 136

 239, 198, 255

 0, 0, 110

 255, 226, 255

 0, 0, 85

 0, 5, 60

 0, 2, 38

 0, 1, 15

 0, 0, 0

■ 122, 92, 219

■ 122, 92, 219

■ 105, 70, 219

■ 139, 114, 219

■ 89, 48, 219

■ 155, 136, 219

■ 72, 26, 219

■ 172, 158, 219

■ 55, 4, 219

■ 189, 180, 219

■ 52, 0, 219

■ 206, 202, 219

■ 219, 223, 220

■ 219, 245, 225

■ 219, 255, 219

Harmonies

Analogous

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



0, 80, 241



122, 92, 219



195, 52, 169

Triad

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



122, 92, 219



180, 180, 0



0, 75, 141

Complementary

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



122, 92, 219



92, 219, 122

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, 98, 138



122, 92, 219



17, 130, 0

Square

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



122, 92, 219



213, 53, 46



0, 130, 68



0, 80, 185

Rectangle

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



122, 92, 219



217, 24, 128



0, 130, 68



0, 81, 140

Sweetspot

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



122, 92, 219



222, 212, 255



92, 147, 219



108, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 92, 219



119, 77, 255



185, 92, 219



101, 99, 110



41, 0, 173



11, 0, 46

Inverse Universe

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



219, 92, 189



255, 77, 213



92, 219, 185



110, 99, 107



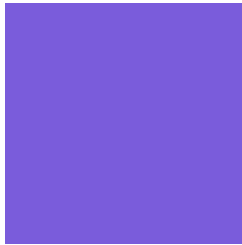
173, 0, 132



46, 0, 35

Previews

White Background



This preview shows how the RYB color 122, 92, 219 looks on a white background.

Color Contrast Check

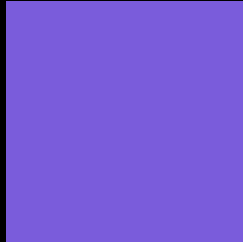
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 122, 92, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

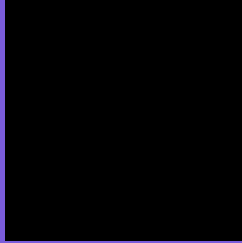
Any Text WCAG AA × Fail

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](#).

R Y B 122, 92, 219 Background



This preview shows how black text looks on a background with the RYB color 122, 92, 219.

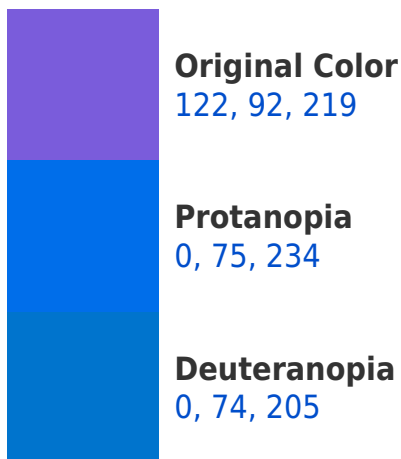


This preview shows how white text looks on a background with the RYB color 122, 92, 219.

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





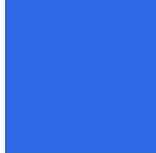
Tritanopia
98, 109, 126

Trichromacy



Original Color

122, 92, 219



Protanomaly

44, 89, 229



Deuteranomaly

44, 90, 210



Tritanomaly

107, 108, 160

Monochromacy



Original Color

122, 92, 219



Achromatopsia

115, 115, 115



Achromatomaly

118, 107, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 92, 219 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, 92, 219)` looks like.

```
.text, #text, p{  
    color:rgb(122, 92, 219)  
}
```

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, 92, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 92, 219) }
```

Border

The CSS property to change the border of an element to RYB 122, 92, 219 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, 92, 219) }
```

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

```
.border{ border-color:rgb(122, 92, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 92, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 92, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 92, 219);  
box-shadow:4px 4px 4px 4px rgb(122, 92,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 122, 92, 219 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 92, 219) }
```

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

```
.background{ background-color: rgb(122, 92,  
219) }
```

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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