

# Converting Colors

RGB(101, 82, 222)

Have a look what the booklet for  
RGB(101, 82, 222) contains.

<b>RGB(101, 82, 222)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(101, 82, 222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6552DE
RGB	101, 82, 222
RGB Percent	40%, 32%, 87%
CMY	0.6039, 0.6784, 0.1294
CMYK	0.55, 0.63, 0.00, 0.13
HSL	248°, 68%, 60%
HSV	248°, 63%, 87%
XYZ	21.5689, 14.0752, 70.6872
YIQ	103.6410, -33.6160, 47.5680

# Conversions

## Conversions Part 2

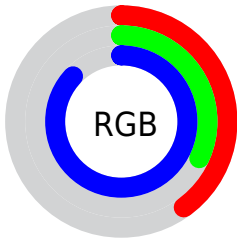
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 82, 222
Decimal	6640350
CIE Lab	44.34, 44.89, -69.14
CIE LCh	44, 82.435, 302.992
Yxy	14.0752, 0.2028, 0.1324
Android (android.graphics.Color)	4284830430 (0xFF6552DE)
YUV	103.6410, 58.3510, -2.3162
Hunter-Lab	37.5169, 36.9671, -85.4489

# Details

The RGB color **101, 82, 222** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **203, 222, 82**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **161, 133, 255**, and **29, 35, 166** is the 20% darker color. If you saturate the color by 10%, you get **82, 60, 222**, and if you desaturate by 10%, it is **120, 104, 222**.

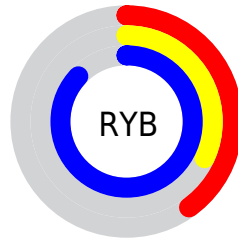
# Distribution



Red (40%)

Green (32%)

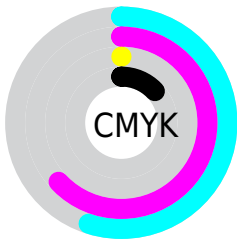
Blue (87%)



Red (40%)

Yellow (32%)

Blue (87%)

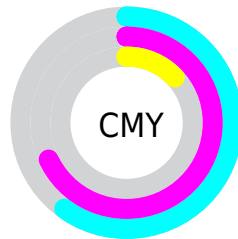


Cyan (55%)

Magenta (63%)

Yellow (0%)

Black (13%)



Cyan (60%)

Magenta (68%)


















Yellow (13%)


# Brightness & Saturation Gradients


These gradients show how the RGB color 101, 82, 222 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 101, 82, 222 by changing the saturation by 10% instead.




 101, 82, 222	 101, 82, 222
 255, 255, 255	 69, 58, 194
 161, 133, 255	 29, 35, 166
 191, 159, 255	 0, 12, 139
 221, 186, 255	 0, 0, 112
 251, 214, 255	 0, 0, 87
 255, 243, 255	 0, 6, 62
	 0, 3, 40
	 0, 1, 17
	 0, 0, 0

 101, 82, 222

 101, 82, 222

 82, 60, 222


 120, 104, 222


 63, 38, 222

 139, 126, 222

 43, 15, 222

 159, 149, 222

 30, 0, 222

 178, 171, 222

 197, 193, 222

 216, 215, 222

 235, 237, 222

 254, 255, 222

 255, 255, 222

# Harmonies

## Analogous

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



0, 113, 245



101, 82, 222



188, 19, 169

# Triad

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



101, 82, 222



176, 75, 0



0, 132, 110

# Complementary

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



101, 82, 222



203, 222, 82

# 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, 129, 35



101, 82, 222



122, 105, 0

# Square

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



101, 82, 222



211, 8, 34



45, 121, 0



0, 132, 179

# Rectangle

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



101, 82, 222



213, 0, 124



45, 121, 0



0, 131, 86



# Sweetspot

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



101, 82, 222



213, 207, 255



82, 203, 222



102, 98, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



101, 82, 222



88, 61, 255



171, 82, 222



103, 101, 112



24, 0, 176



7, 0, 48



# Inverse Universe

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



222, 82, 203



255, 61, 229



133, 222, 82



112, 101, 111



176, 0, 152

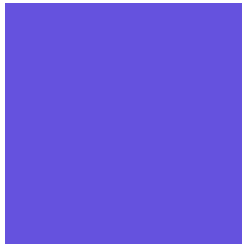


48, 0, 42



# Previews

## White Background



This preview shows how the RGB color 101, 82, 222 looks on a white background.

## Color Contrast Check

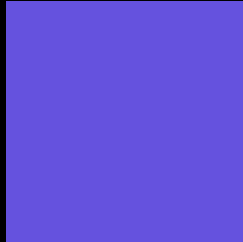
Large Text (above 18pt) WCAG AA ✓ Pass

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 101, 82, 222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

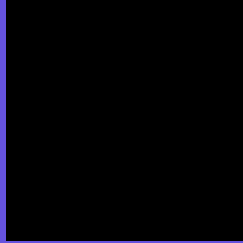
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 101, 82, 222 Background



This preview shows how black text looks on a background with the RGB color 101, 82, 222.

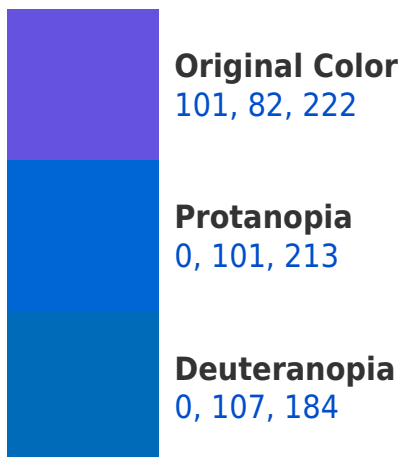


This preview shows how white text looks on a background with the RGB color 101, 82, 222.

# 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





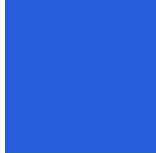
**Tritanopia**  
66, 112, 121

# Trichromacy



**Original Color**

101, 82, 222



**Protanomaly**

37, 94, 216



**Deuteranomaly**

37, 98, 198



**Tritanomaly**

79, 101, 158

# Monochromacy



**Original Color**

101, 82, 222



**Achromatopsia**

104, 104, 104



**Achromatomaly**

103, 96, 147

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 101, 82, 222 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(101, 82, 222)` looks like.

```
.text, #text, p{  
    color:rgb(101, 82, 222)  
}
```

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(101, 82, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 82, 222) }
```

## Border

The CSS property to change the border of an element to RGB 101, 82, 222 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(101, 82, 222) }
```

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

```
.border{ border-color:rgb(101, 82, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 82, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 82, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 82, 222);  
box-shadow:4px 4px 4px 4px rgb(101, 82,  
222) }
```

# Background

The CSS property to change the background color of an element to RGB 101, 82, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 82, 222) }
```

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

```
.background{ background-color: rgb(101, 82,  
222) }
```

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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