

# Converting Colors

RGB(139, 102, 199)

Have a look what the booklet for  
RGB(139, 102, 199) contains.

<b>RGB(139, 102, 199)</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(139, 102, 199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B66C7
RGB	139, 102, 199
RGB Percent	55%, 40%, 78%
CMY	0.4549, 0.6000, 0.2196
CMYK	0.30, 0.49, 0.00, 0.22
HSL	263°, 46%, 59%
HSV	263°, 49%, 78%
XYZ	25.7076, 19.1152, 56.3675
YIQ	124.1210, -9.0850, 38.0110

# Conversions

## Conversions Part 2

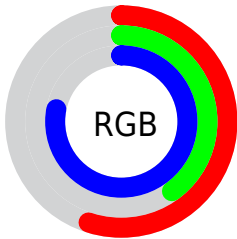
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 102, 199
Decimal	9135815
CIE Lab	50.82, 35.33, -45.38
CIE LCh	51, 57.511, 307.901
Yxy	19.1152, 0.2541, 0.1889
Android (android.graphics.Color)	4287325895 (0xFF8B66C7)
YUV	124.1210, 36.9153, 13.0489
Hunter-Lab	43.7210, 28.4451, -45.8353

# Details

The RGB color **139, 102, 199** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **162, 199, 102**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **195, 154, 255**, and **85, 54, 144** is the 20% darker color. If you saturate the color by 10%, you get **127, 82, 199**, and if you desaturate by 10%, it is **151, 122, 199**.

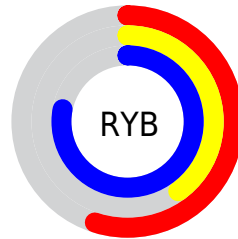
# Distribution



Red (55%)

Green (40%)

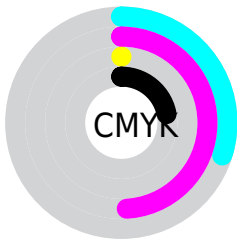
Blue (78%)



Red (55%)

Yellow (40%)

Blue (78%)

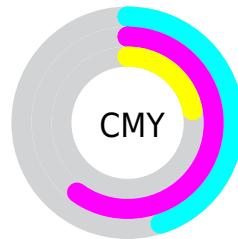


Cyan (30%)

Magenta (49%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (60%)

Yellow (22%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 139, 102, 199 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 139, 102, 199 by changing the saturation by 10% instead.



 139, 102, 199

255, 255, 255

 195, 154, 255

 224, 181, 255

 253, 209, 255


 255, 237, 255

 139, 102, 199

 112, 77, 171

 85, 54, 144

 59, 31, 118

 31, 7, 93


 5, 0, 69

 0, 3, 46


 0, 1, 24

 0, 0, 0

 139, 102, 199

 139, 102, 199


 127, 82, 199

 151, 122, 199

 114, 62, 199

 164, 142, 199

 102, 42, 199

 176, 162, 199

 90, 22, 199

 188, 182, 199

 77, 3, 199

 201, 202, 199

 76, 0, 199

 213, 221, 199

 225, 241, 199

 237, 255, 199

 250, 255, 199

# Harmonies

## Analogous

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



0, 123, 219



139, 102, 199



190, 80, 159

# Triad

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



139, 102, 199



174, 105, 21



0, 144, 133

# Complementary

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



139, 102, 199



162, 199, 102

# 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, 141, 82



139, 102, 199



133, 123, 0

# Square

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



139, 102, 199



201, 84, 63



80, 135, 35



0, 143, 180

# Rectangle

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



139, 102, 199



205, 71, 127



80, 135, 35



0, 143, 116



# Sweetspot

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



139, 102, 199



231, 217, 255



102, 163, 199



113, 105, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



139, 102, 199



164, 107, 255



186, 102, 199



93, 90, 99



62, 0, 163



14, 0, 36



# Inverse Universe

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



199, 102, 162



255, 107, 199



115, 199, 102



99, 90, 96



163, 0, 101

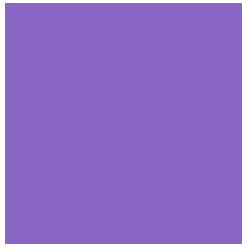


36, 0, 22



# Previews

## White Background



This preview shows how the RGB color 139, 102, 199 looks on a white background.

## Color Contrast Check

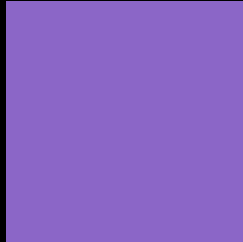
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 102, 199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

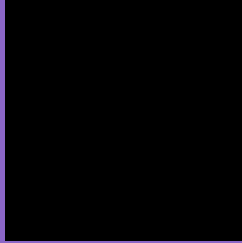
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 139, 102, 199 Background



This preview shows how black text looks on a background with the RGB color 139, 102, 199.

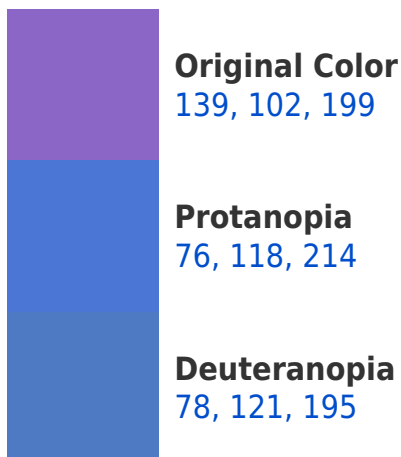



This preview shows how white text looks on a background with the RGB color 139, 102, 199.

# 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





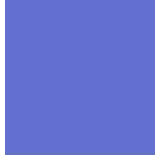
**Tritanopia**  
125, 119, 128

# Trichromacy



**Original Color**

139, 102, 199



**Protanomaly**

99, 112, 209



**Deuteranomaly**

100, 114, 196



**Tritanomaly**

130, 113, 154

# Monochromacy



**Original Color**

139, 102, 199



**Achromatopsia**

124, 124, 124



**Achromatomaly**

129, 116, 151

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 139, 102, 199 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(139, 102, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 102, 199)  
}
```

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(139, 102, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 102, 199) }
```

## Border

The CSS property to change the border of an element to RGB 139, 102, 199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

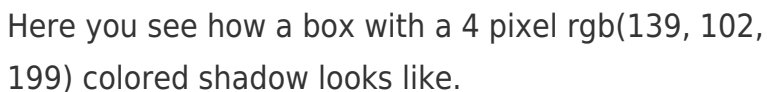
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 102, 199) }
```

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

```
.border{ border-color:rgb(139, 102, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 102, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 102, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 102, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 102,  
199) }
```

# Background

The CSS property to change the background color of an element to RGB 139, 102, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 102, 199) }
```

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

```
.background{ background-color: rgb(139,  
102, 199) }
```

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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