

# Converting Colors

RGB(142, 93, 199)

Have a look what the booklet for  
RGB(142, 93, 199) contains.

<b>RGB(142, 93, 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(142, 93, 199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E5DC7
RGB	142, 93, 199
RGB Percent	56%, 36%, 78%
CMY	0.4431, 0.6353, 0.2196
CMYK	0.29, 0.53, 0.00, 0.22
HSL	268°, 49%, 57%
HSV	268°, 53%, 78%
XYZ	25.3785, 17.7030, 56.1123
YIQ	119.7350, -4.8220, 43.3540

# Conversions

## Conversions Part 2

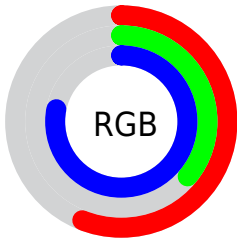
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 93, 199
Decimal	9330119
CIE <sub>Lab</sub>	49.13, 41.22, -48.05
CIE <sub>LCh</sub>	49, 63.305, 310.625
Yxy	17.7030, 0.2558, 0.1785
Android (android.graphics.Color)	4287520199 (0xFF8E5DC7)
YUV	119.7350, 39.0776, 19.5264
Hunter-Lab	42.0749, 34.0353, -49.6183

# Details

The RGB color **142, 93, 199** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **150, 199, 93**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **198, 145, 255**, and **88, 44, 144** is the 20% darker color. If you saturate the color by 10%, you get **131, 73, 199**, and if you desaturate by 10%, it is **153, 113, 199**.

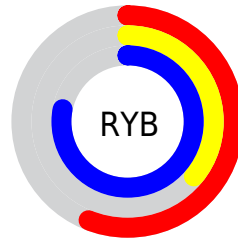
# Distribution



Red (56%)

Green (36%)

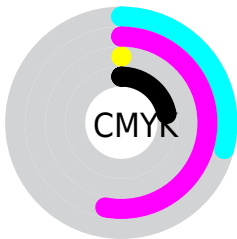
Blue (78%)



Red (56%)

Yellow (36%)

Blue (78%)

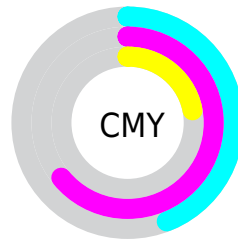


Cyan (29%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (64%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 142, 93, 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 142, 93, 199 by changing the saturation by 10% instead.



 142, 93, 199

 142, 93, 199


255, 255, 255

 115, 68, 171

 198, 145, 255

 88, 44, 144

 227, 172, 255

 61, 19, 118

 255, 200, 255

 33, 0, 93

 255, 228, 255

 7, 0, 69


 0, 3, 45

 0, 1, 24


 0, 0, 0

 142, 93, 199


 142, 93, 199


 131, 73, 199

 153, 113, 199

 121, 53, 199

 163, 133, 199

 110, 33, 199

 174, 153, 199

 99, 13, 199

 185, 173, 199

 92, 0, 199

 196, 193, 199

 206, 212, 199

 217, 232, 199

 228, 252, 199

 238, 255, 199

# Harmonies

## Analogous

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



0, 117, 223



142, 93, 199



194, 66, 154

# Triad

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



142, 93, 199



169, 101, 0



0, 141, 135

# Complementary

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



142, 93, 199



150, 199, 93

# 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, 139, 79



142, 93, 199



123, 120, 0

# Square

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



142, 93, 199



200, 76, 49



62, 132, 22



0, 139, 186

# Rectangle

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



142, 93, 199



209, 56, 118



62, 132, 22



0, 141, 116



# Sweetspot

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



142, 93, 199



233, 214, 255



93, 151, 199



114, 103, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



142, 93, 199



167, 92, 255



194, 93, 199



94, 90, 99



75, 0, 163



17, 0, 36



# Inverse Universe

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



199, 93, 150



255, 92, 180



98, 199, 93



99, 90, 95



163, 0, 88

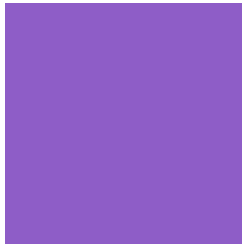


36, 0, 19



# Previews

## White Background



This preview shows how the RGB color 142, 93, 199 looks on a white background.

## Color Contrast Check

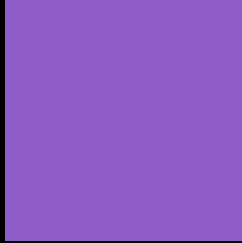
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 93, 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 142, 93, 199 Background



This preview shows how black text looks on a background with the RGB color 142, 93, 199.

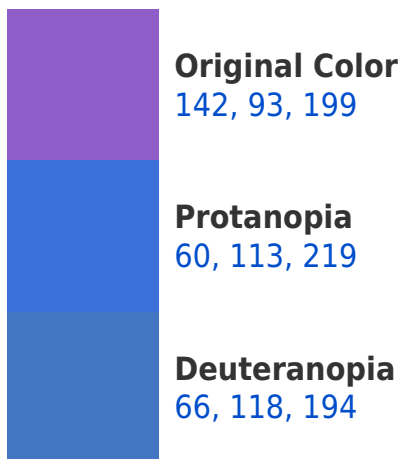



This preview shows how white text looks on a background with the RGB color 142, 93, 199.

# 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**  
128, 113, 121

# Trichromacy



**Original Color**

142, 93, 199



**Protanomaly**

90, 106, 212



**Deuteranomaly**

94, 109, 196



**Tritanomaly**

133, 106, 149

# Monochromacy



**Original Color**

142, 93, 199



**Achromatopsia**

120, 120, 120



**Achromatomaly**

128, 110, 149

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 142, 93, 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(142, 93, 199)` looks like.

```
.text, #text, p{  
    color:rgb(142, 93, 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(142, 93, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 93, 199) }
```

## Border

The CSS property to change the border of an element to RGB 142, 93, 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(142, 93, 199) }
```

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

```
.border{ border-color:rgb(142, 93, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 93, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 93, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 93, 199);  
box-shadow:4px 4px 4px 4px rgb(142, 93,  
199) }
```

# Background

The CSS property to change the background color of an element to RGB 142, 93, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 93, 199) }
```

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

```
.background{ background-color: rgb(142, 93,  
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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