

# Converting Colors

RGB(153, 92, 192)

Have a look what the booklet for  
RGB(153, 92, 192) contains.

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# Color

**RGB(153, 92, 192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	995CC0
RGB	153, 92, 192
RGB Percent	60%, 36%, 75%
CMY	0.4000, 0.6392, 0.2471
CMYK	0.20, 0.52, 0.00, 0.25
HSL	277°, 44%, 56%
HSV	277°, 52%, 75%
XYZ	26.4784, 18.2324, 51.9928
YIQ	121.6390, 4.2560, 44.0320

# Conversions

## Conversions Part 2

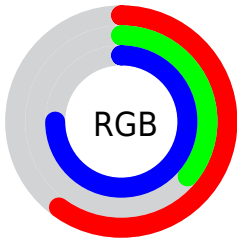
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 92, 192
Decimal	10050752
CIE <sub>Lab</sub>	49.78, 43.03, -42.92
CIE <sub>LCh</sub>	50, 60.775, 315.079
Yxy	18.2324, 0.2738, 0.1885
Android (android.graphics.Color)	4288240832 (0xFF995CC0)
YUV	121.6390, 34.6880, 27.5036
Hunter-Lab	42.6994, 35.9663, -42.3048

# Details

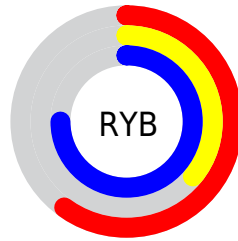
The RGB color **153, 92, 192** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **131, 192, 92**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **209, 144, 249**, and **99, 42, 138** is the 20% darker color. If you saturate the color by 10%, you get **146, 73, 192**, and if you desaturate by 10%, it is **160, 111, 192**.

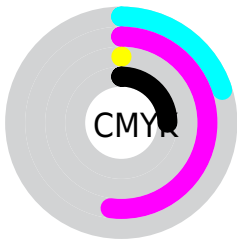
# Distribution



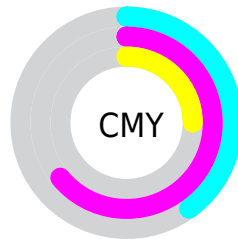
- Red (60%)
- Green (36%)
- Blue (75%)



- Red (60%)
- Yellow (36%)
- Blue (75%)



- Cyan (20%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (64%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 153, 92, 192 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 153, 92, 192 by changing the saturation by 10% instead.



 153, 92, 192

255, 255, 255

 209, 144, 249

 238, 171, 255

 255, 199, 255

 255, 228, 255

 153, 92, 192

 126, 67, 165

 99, 42, 138

 73, 15, 112

 47, 0, 87

 26, 0, 63

 0, 3, 40

 0, 1, 18

 0, 0, 0

 153, 92, 192

 153, 92, 192

146, 73, 192

160, 111, 192

138, 54, 192

168, 130, 192

131, 34, 192

175, 150, 192

123, 15, 192

183, 169, 192

117, 0, 192

190, 188, 192

198, 207, 192

205, 226, 192

213, 246, 192

220, 255, 192

# Harmonies

## Analogous

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



52, 116, 219



153, 92, 192



198, 69, 146

# Triad

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



153, 92, 192



163, 107, 0



0, 142, 144

# Complementary

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



153, 92, 192



131, 192, 92

# 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, 140, 90



153, 92, 192



118, 124, 0

# Square

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



153, 92, 192



196, 84, 46



55, 135, 38



0, 140, 191

# Rectangle

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



153, 92, 192



209, 63, 112



55, 135, 38



0, 142, 126



# Sweetspot

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



153, 92, 192



234, 210, 250



92, 132, 192



116, 101, 125



252, 252, 252



125, 125, 125



# Same Dimension

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



153, 92, 192



188, 92, 250



192, 92, 182



93, 87, 97



98, 0, 161



20, 0, 33



# Inverse Universe

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



192, 92, 131



250, 92, 154



92, 192, 102



97, 87, 91



161, 0, 63



33, 0, 13



# Previews

## White Background



This preview shows how the RGB color 153, 92, 192 looks on a white background.

## Color Contrast Check

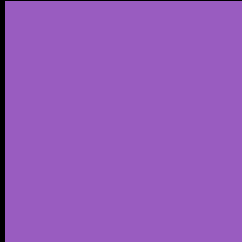
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 92, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

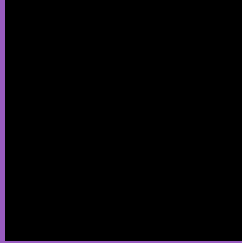
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 153, 92, 192 Background



This preview shows how black text looks on a background with the RGB color 153, 92, 192.

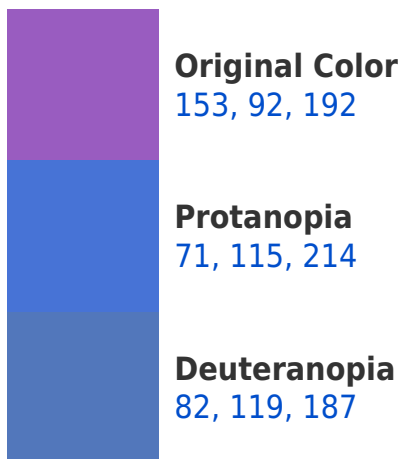


This preview shows how white text looks on a background with the RGB color 153, 92, 192.

# 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**  
141, 110, 119

# Trichromacy



**Original Color**  
153, 92, 192



**Protanomaly**  
101, 107, 206



**Deuteranomaly**  
108, 109, 189



**Tritanomaly**  
145, 103, 146

# Monochromacy



**Original Color**  
153, 92, 192



**Achromatopsia**  
122, 122, 122



**Achromatomaly**  
133, 111, 147

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 153, 92, 192 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(153, 92, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 192)  
}
```

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(153, 92, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 192) }
```

## Border

The CSS property to change the border of an element to RGB 153, 92, 192 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(153, 92, 192) }
```

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

```
.border{ border-color:rgb(153, 92, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 92, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
192) }
```

# Background

The CSS property to change the background color of an element to RGB 153, 92, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 192) }
```

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

```
.background{ background-color: rgb(153, 92,  
192) }
```

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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