

# Converting Colors

RGB(140, 117, 178)

Have a look what the booklet for  
RGB(140, 117, 178) contains.

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# Color

**RGB(140, 117, 178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C75B2
RGB	140, 117, 178
RGB Percent	55%, 46%, 70%
CMY	0.4510, 0.5412, 0.3020
CMYK	0.21, 0.34, 0.00, 0.30
HSL	263°, 28%, 58%
HSV	263°, 34%, 70%
XYZ	25.2124, 21.5124, 44.9429
YIQ	130.8310, -5.8730, 23.8470

# Conversions

## Conversions Part 2

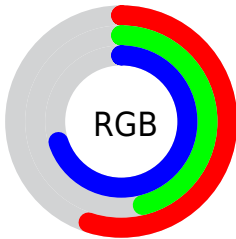
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 117, 178
Decimal	9205170
CIE Lab	53.51, 21.67, -29.07
CIE LCh	54, 36.262, 306.698
Yxy	21.5124, 0.2750, 0.2347
Android (android.graphics.Color)	4287395250 (0xFF8C75B2)
YUV	130.8310, 23.2543, 8.0412
Hunter-Lab	46.3814, 15.8629, -24.9841

# Details

The RGB color `140, 117, 178` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `155, 178, 117`, and the grayscale version is `131, 131, 131`.

A 20% lighter version of the original color is `194, 169, 234`, and `89, 68, 125` is the 20% darker color. If you saturate the color by 10%, you get `129, 99, 178`, and if you desaturate by 10%, it is `151, 135, 178`.

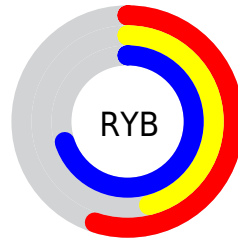
# Distribution



Red (55%)

Green (46%)

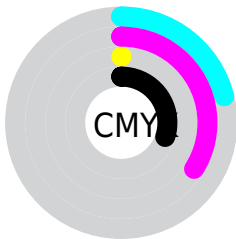
Blue (70%)



Red (55%)

Yellow (46%)

Blue (70%)

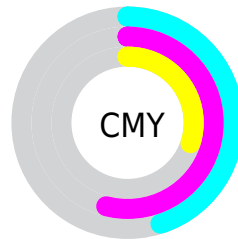


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (54%)

Yellow (30%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 140, 117, 178 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 140, 117, 178 by changing the saturation by 10% instead.



 140, 117, 178

255, 255, 255

 194, 169, 234

 223, 197, 255

 252, 225, 255


 255, 253, 255

 140, 117, 178

 114, 92, 151

 89, 68, 125

 64, 46, 100

 40, 25, 76

 19, 0, 53

 0, 2, 31

 0, 0, 2

 0, 0, 0

 140, 117, 178

 140, 117, 178

129, 99, 178

151, 135, 178

118, 81, 178

162, 153, 178

107, 64, 178

173, 170, 178

96, 46, 178

184, 188, 178

85, 28, 178

195, 206, 178

73, 10, 178

207, 224, 178

67, 0, 178

218, 242, 178

229, 255, 178

240, 255, 178

# Harmonies

## Analogous

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



91, 129, 190



140, 117, 178



172, 106, 153

# Triad

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



140, 117, 178



167, 117, 71



0, 144, 134

# Complementary

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



140, 117, 178



155, 178, 117

# 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.



66, 142, 102



140, 117, 178



140, 128, 64

# Square

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



140, 117, 178



184, 107, 92



107, 137, 76



0, 143, 164

# Rectangle

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



140, 117, 178



184, 103, 133



107, 137, 76



23, 144, 123



# Sweetspot

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



140, 117, 178



218, 209, 232



117, 156, 178



109, 103, 117



245, 245, 245



117, 117, 117



# Same Dimension

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



140, 117, 178



173, 137, 232



170, 117, 178



84, 80, 89



58, 0, 153



10, 0, 26



# Inverse Universe

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



178, 117, 155



232, 137, 196



125, 178, 117



89, 80, 86



153, 0, 95

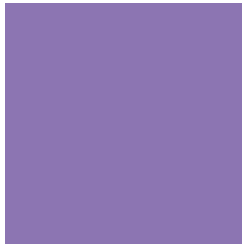


26, 0, 16



# Previews

## White Background



This preview shows how the RGB color 140, 117, 178 looks on a white background.

## Color Contrast Check

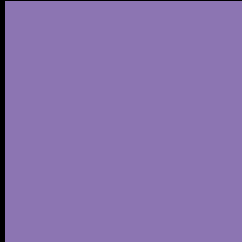
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 117, 178 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

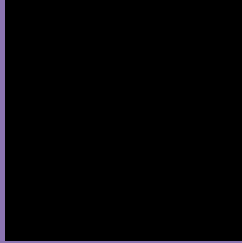
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 140, 117, 178 Background



This preview shows how black text looks on a background with the RGB color 140, 117, 178.

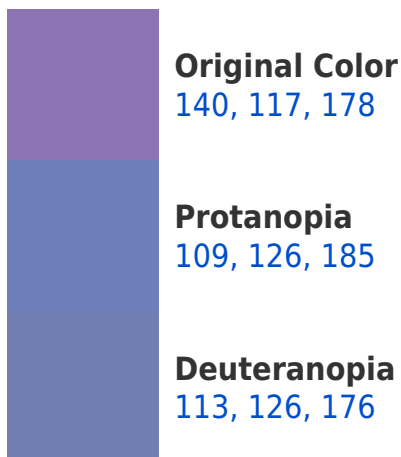


This preview shows how white text looks on a background with the RGB color 140, 117, 178.

# 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**  
132, 126, 135

# Trichromacy



**Original Color**

140, 117, 178

**Protanomaly**

120, 123, 182

**Deuteranomaly**

123, 123, 177

**Tritanomaly**

135, 123, 151

# Monochromacy



**Original Color**

140, 117, 178

**Achromatopsia**

131, 131, 131

**Achromatomaly**

134, 126, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 140, 117, 178 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(140, 117, 178)` looks like.

```
.text, #text, p{  
    color:rgb(140, 117, 178)  
}
```

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(140, 117, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 117, 178) }
```

## Border

The CSS property to change the border of an element to RGB 140, 117, 178 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(140, 117, 178) }
```

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

```
.border{ border-color:rgb(140, 117, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 117, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 117, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 117, 178);  
box-shadow:4px 4px 4px 4px rgb(140, 117,  
178) }
```

# Background

The CSS property to change the background color of an element to RGB 140, 117, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 117, 178) }
```

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

```
.background{ background-color: rgb(140,  
117, 178) }
```

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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