

# Converting Colors

RGB(156, 144, 197)

Have a look what the booklet for  
RGB(156, 144, 197) contains.

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# **Color**

**RGB(156, 144, 197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C90C5
RGB	156, 144, 197
RGB Percent	61%, 56%, 77%
CMY	0.3882, 0.4353, 0.2275
CMYK	0.21, 0.27, 0.00, 0.23
HSL	254°, 31%, 67%
HSV	254°, 27%, 77%
XYZ	33.7616, 31.0457, 57.0363
YIQ	153.6300, -9.8610, 19.0270

# Conversions

## Conversions Part 2

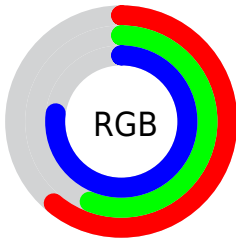
Format	Color
R <sub>Y</sub> B	156, 144, 197
Decimal	10260677
CIE Lab	62.55, 15.54, -25.80
CIE LCh	63, 30.119, 301.069
Yxy	31.0457, 0.2771, 0.2548
Android (android.graphics.Color)	4288450757 (0xFF9C90C5)
YUV	153.6300, 21.3814, 2.0785
Hunter-Lab	55.7186, 10.6510, -21.6891

# Details

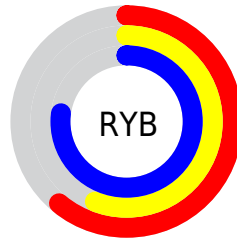
The RGB color **156, 144, 197** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **185, 197, 144**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **211, 198, 254**, and **104, 94, 143** is the 20% darker color. If you saturate the color by 10%, you get **141, 124, 197**, and if you desaturate by 10%, it is **171, 164, 197**.

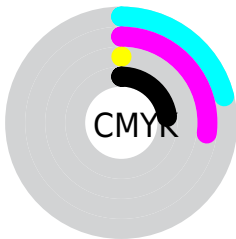
# Distribution



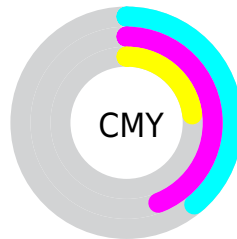
- Red (61%)
- Green (56%)
- Blue (77%)



- Red (61%)
- Yellow (56%)
- Blue (77%)



- Cyan (21%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (44%)
- Yellow (23%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 156, 144, 197 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 156, 144, 197 by changing the saturation by 10% instead.




 156, 144, 197


255, 255, 255

 211, 198, 254

 240, 226, 255

255, 255, 255


 156, 144, 197

 130, 118, 170

 104, 94, 143

 79, 70, 117

 55, 48, 92

 31, 27, 69


 12, 0, 46


 0, 1, 25


 0, 0, 0

 156, 144, 197

 156, 144, 197

 141, 124, 197

 171, 164, 197

 126, 105, 197

 186, 183, 197

 110, 85, 197

 202, 203, 197

 95, 65, 197

 217, 223, 197

 80, 46, 197


 232, 243, 197

 65, 26, 197

 247, 255, 197

 49, 6, 197

 255, 255, 197

 45, 0, 197

# Harmonies

## Analogous

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



116, 153, 204



156, 144, 197



186, 135, 178

# Triad

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



156, 144, 197



191, 141, 105



78, 166, 151

# Complementary

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



156, 144, 197



185, 197, 144

# 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.



109, 163, 125



156, 144, 197



169, 150, 98

# Square

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



156, 144, 197



203, 133, 125



140, 158, 105



59, 165, 178

# Rectangle

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



156, 144, 197



198, 132, 160



140, 158, 105



88, 165, 142



# Sweetspot

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



156, 144, 197



239, 235, 255



144, 186, 197



118, 115, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



156, 144, 197



192, 173, 255



182, 144, 197



92, 90, 99



37, 0, 163



8, 0, 36



# Inverse Universe

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



197, 144, 185



255, 173, 237



159, 197, 144



99, 90, 97



163, 0, 126



36, 0, 28



# Previews

## White Background



This preview shows how the RGB color 156, 144, 197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 156, 144, 197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

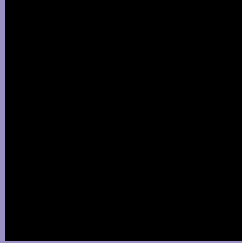
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 156, 144, 197 Background



This preview shows how black text looks on a background with the RGB color 156, 144, 197.



This preview shows how white text looks on a background with the RGB color 156, 144, 197.

# 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



**Original Color**

156, 144, 197

**Protanopia**

137, 149, 201

**Deuteranopia**

142, 149, 196



**Tritanopia**  
150, 150, 162

# Trichromacy



**Original Color**  
156, 144, 197

**Protanomaly**  
144, 147, 200

**Deuteranomaly**  
147, 147, 196

**Tritanomaly**  
152, 148, 175

# Monochromacy



**Original Color**  
156, 144, 197

**Achromatopsia**  
154, 154, 154

**Achromatomaly**  
155, 150, 170

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 156, 144, 197 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(156, 144, 197) looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 197)  
}
```

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(156, 144, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 197) }
```

## Border

The CSS property to change the border of an element to RGB 156, 144, 197 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(156, 144, 197) }
```

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

```
.border{ border-color:rgb(156, 144, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 144, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 144, 197); box-shadow:4px 4px 4px 4px rgb(156, 144, 197) }
```

# Background

The CSS property to change the background color of an element to RGB 156, 144, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 197) }
```

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

```
.background{ background-color: rgb(156,  
144, 197) }
```

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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