

# Converting Colors

RGB(160, 132, 184)

Have a look what the booklet for  
RGB(160, 132, 184) contains.

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# **Color**

**RGB(160, 132, 184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A084B8
RGB	160, 132, 184
RGB Percent	63%, 52%, 72%
CMY	0.3725, 0.4824, 0.2784
CMYK	0.13, 0.28, 0.00, 0.28
HSL	272°, 27%, 62%
HSV	272°, 28%, 72%
XYZ	31.4002, 27.4368, 48.9883
YIQ	146.3000, -0.0040, 22.1080

# Conversions

## Conversions Part 2

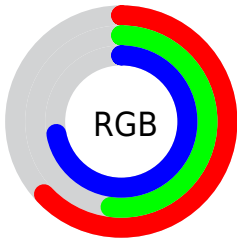
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 132, 184
Decimal	10519736
CIE <sub>Lab</sub>	59.38, 20.75, -23.29
CIE <sub>LCh</sub>	59, 31.195, 311.695
Yxy	27.4368, 0.2912, 0.2545
Android (android.graphics.Color)	4288709816 (0xFFA084B8)
YUV	146.3000, 18.5861, 12.0149
Hunter-Lab	52.3802, 15.3397, -18.7846

# Details

The RGB color **160, 132, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **156, 184, 132**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **215, 185, 240**, and **108, 82, 131** is the 20% darker color. If you saturate the color by 10%, you get **152, 114, 184**, and if you desaturate by 10%, it is **168, 150, 184**.

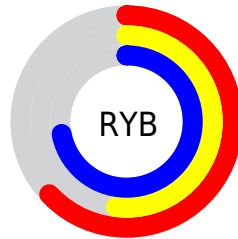
# Distribution



Red (63%)

Green (52%)

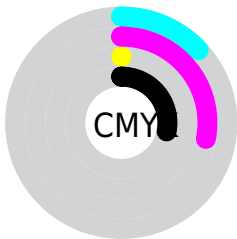
Blue (72%)



Red (63%)

Yellow (52%)

Blue (72%)

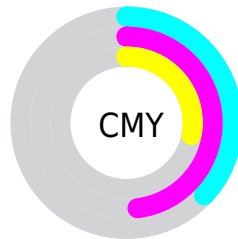


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (37%)

Magenta (48%)

Yellow (28%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 160, 132, 184 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 160, 132, 184 by changing the saturation by 10% instead.



 160, 132, 184

255, 255, 255

 215, 185, 240

 244, 213, 255

 255, 241, 255

 160, 132, 184

 133, 107, 157

 108, 82, 131

 83, 59, 105

 59, 37, 81

 36, 16, 58


 18, 0, 36

 0, 0, 12


 0, 0, 0

 160, 132, 184


 160, 132, 184

 152, 114, 184

 168, 150, 184

 143, 95, 184

 177, 169, 184

 135, 77, 184

 185, 187, 184


 126, 58, 184

 194, 206, 184

 118, 40, 184

 202, 224, 184

 109, 22, 184

 211, 242, 184

 101, 3, 184

 219, 255, 184

 99, 0, 184

 228, 255, 184

 236, 255, 184

# Harmonies

## Analogous

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



122, 142, 196



160, 132, 184



186, 124, 161

# Triad

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



160, 132, 184



176, 135, 91



52, 158, 153

# Complementary

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



160, 132, 184



156, 184, 132

# 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.



87, 156, 125



160, 132, 184



151, 145, 89

# Square

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



160, 132, 184



192, 127, 108



120, 152, 101



41, 156, 179

# Rectangle

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



160, 132, 184



195, 122, 142



120, 152, 101



63, 158, 144



# Sweetspot

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



160, 132, 184



231, 221, 240



132, 156, 184



114, 108, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



160, 132, 184



202, 158, 240



184, 132, 182



88, 83, 92



84, 0, 156



15, 0, 28



# Inverse Universe

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



184, 132, 156



240, 158, 196



132, 184, 134



92, 83, 87



156, 0, 72



28, 0, 13



# Previews

## White Background



This preview shows how the RGB color 160, 132, 184 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 160, 132, 184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

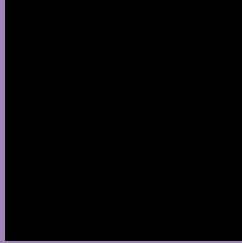
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 160, 132, 184 Background



This preview shows how black text looks on a background with the RGB color 160, 132, 184.

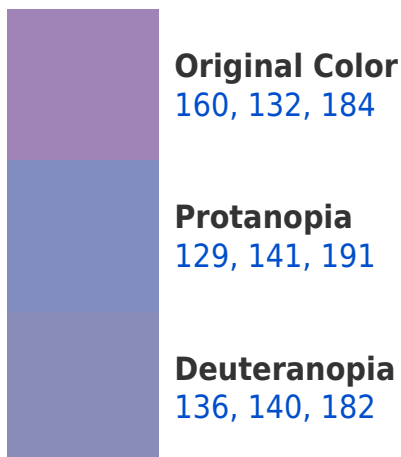


This preview shows how white text looks on a background with the RGB color 160, 132, 184.

# 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

154, 139, 149

# Trichromacy



**Original Color**  
160, 132, 184

**Protanomaly**  
140, 138, 188

**Deuteranomaly**  
145, 137, 183

**Tritanomaly**  
156, 136, 162

# Monochromacy



**Original Color**  
160, 132, 184

**Achromatopsia**  
146, 146, 146

**Achromatomaly**  
151, 141, 160

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 160, 132, 184 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(160, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(160, 132, 184)  
}
```

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(160, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 132, 184) }
```

## Border

The CSS property to change the border of an element to RGB 160, 132, 184 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(160, 132, 184) }
```

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

```
.border{ border-color:rgb(160, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(160, 132,  
184) }
```

# Background

The CSS property to change the background color of an element to RGB 160, 132, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 132, 184) }
```

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

```
.background{ background-color: rgb(160,  
132, 184) }
```

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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