

Converting Colors

RGB(178, 152, 190)

Have a look what the booklet for
RGB(178, 152, 190) contains.

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Color

RGB(178, 152, 190)

Conversions

Conversions Part 1

Format	Color
Hex	B298BE
RGB	178, 152, 190
RGB Percent	70%, 60%, 75%
CMY	0.3020, 0.4039, 0.2549
CMYK	0.06, 0.20, 0.00, 0.25
HSL	281°, 23%, 67%
HSV	281°, 20%, 75%
XYZ	38.8826, 35.6392, 53.5449
YIQ	164.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

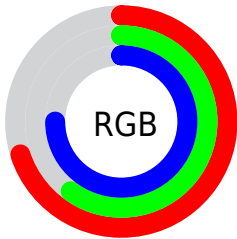
Format	Color
RYB	178, 152, 190
Decimal	11704510
CIELab	66.24, 16.68, -16.07
CIELCh	66, 23.155, 316.068
Yxy	35.6392, 0.3036, 0.2783
Android (android.graphics.Color)	4289894590 (0xFFB298BE)
YUV	164.1060, 12.7657, 12.1850
Hunter-Lab	59.6985, 11.7874, -11.3895

Details

The RGB color **178, 152, 190** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164, 190, 152**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **234, 206, 246**, and **125, 101, 137** is the 20% darker color. If you saturate the color by 10%, you get **172, 133, 190**, and if you desaturate by 10%, it is **184, 171, 190**.

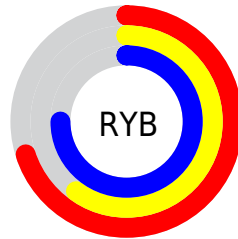
Distribution



Red (70%)

Green (60%)

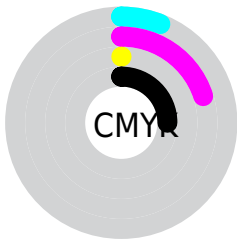
Blue (75%)



Red (70%)

Yellow (60%)

Blue (75%)

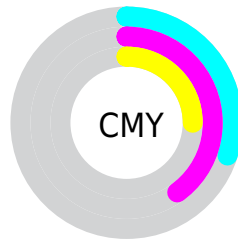


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 152, 190 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 178, 152, 190 by changing the saturation by 10% instead.

 178, 152, 190


255, 255, 255


 234, 206, 246

 255, 235, 255

 178, 152, 190


 151, 126, 163


 125, 101, 137

 100, 77, 111

 76, 54, 87

 52, 32, 63

 31, 11, 41

 0, 1, 20

 0, 0, 0

 178, 152, 190

 178, 152, 190

172, 133, 190

184, 171, 190

166, 114, 190

190, 190, 190

160, 95, 190

196, 209, 190

154, 76, 190

202, 228, 190

148, 57, 190

208, 247, 190

142, 38, 190

214, 255, 190

136, 19, 190

220, 255, 190

130, 0, 190

226, 255, 190

232, 255, 190

Harmonies

Analogous

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



151, 159, 201



178, 152, 190



196, 147, 172

Triad

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



178, 152, 190



185, 156, 121



103, 173, 172

Complementary

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



178, 152, 190



164, 190, 152

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.



118, 172, 150



178, 152, 190



165, 163, 121

Square

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



178, 152, 190



199, 150, 132



141, 169, 132



104, 171, 190

Rectangle

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



178, 152, 190



203, 146, 157



141, 169, 132



107, 173, 165

Sweetspot

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



178, 152, 190



243, 233, 247



152, 164, 190



122, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



178, 152, 190



229, 188, 247



190, 152, 183



91, 85, 94



108, 0, 158



21, 0, 31

Inverse Universe

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



190, 152, 164



247, 188, 207



152, 190, 159



94, 85, 88



158, 0, 50



31, 0, 10

Previews

White Background



This preview shows how the RGB color 178, 152, 190 looks on a white background.

Color Contrast Check

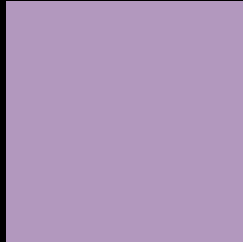
Large Text (above 18pt) WCAG AA × Fail

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 178, 152, 190 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 178, 152, 190 Background



This preview shows how black text looks on a background with the RGB color 178, 152, 190.



This preview shows how white text looks on a background with the RGB color 178, 152, 190.

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
178, 152, 190

Protanopia
153, 160, 195

Deuteranopia
163, 157, 189



Tritanopia
175, 156, 168

Trichromacy



Original Color
178, 152, 190

Protanomaly
162, 157, 193

Deuteranomaly
168, 155, 189

Tritanomaly
176, 155, 176

Monochromacy



Original Color
178, 152, 190

Achromatopsia
164, 164, 164

Achromatomaly
169, 160, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 152, 190 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(178, 152, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 152, 190)  
}
```

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(178, 152, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 152, 190) }
```

Border

The CSS property to change the border of an element to RGB 178, 152, 190 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(178, 152, 190) }
```

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

```
.border{ border-color:rgb(178, 152, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 152, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 152, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 152, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 152,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 178, 152, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 152, 190) }
```

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

```
.background{ background-color: rgb(178,  
152, 190) }
```

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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