

# Converting Colors

RGB(178, 166, 187)

Have a look what the booklet for  
RGB(178, 166, 187) contains.

<b>RGB(178, 166, 187)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(178, 166, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A6BB
RGB	178, 166, 187
RGB Percent	70%, 65%, 73%
CMY	0.3020, 0.3490, 0.2667
CMYK	0.05, 0.11, 0.00, 0.27
HSL	274°, 13%, 69%
HSV	274°, 11%, 73%
XYZ	40.9660, 40.3253, 52.6381
YIQ	171.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

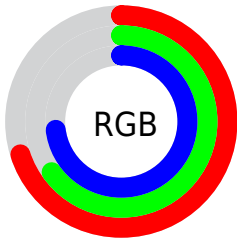
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 166, 187
Decimal	11708091
CIE <sub>Lab</sub>	69.70, 8.29, -9.21
CIE <sub>LCh</sub>	70, 12.388, 311.988
Yxy	40.3253, 0.3059, 0.3011
Android (android.graphics.Color)	4289898171 (0xFFB2A6BB)
YUV	171.9820, 7.4039, 5.2778
Hunter-Lab	63.5022, 4.0235, -4.6950

# Details

The RGB color **178, 166, 187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 187, 166**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **234, 221, 243**, and **125, 114, 134** is the 20% darker color. If you saturate the color by 10%, you get **170, 147, 187**, and if you desaturate by 10%, it is **186, 185, 187**.

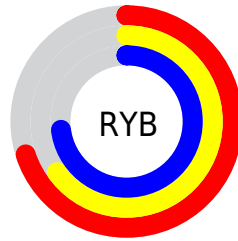
# Distribution



Red (70%)

Green (65%)

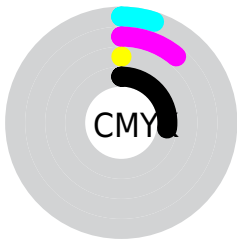
Blue (73%)



Red (70%)

Yellow (65%)

Blue (73%)

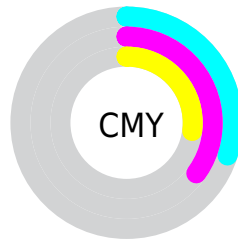


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (35%)

Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 178, 166, 187 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, 166, 187 by changing the saturation by 10% instead.



 178, 166, 187

 178, 166, 187


255, 255, 255

 151, 140, 160


 234, 221, 243

 125, 114, 134

 255, 250, 255

 100, 90, 109

 76, 66, 84

 53, 44, 61

 32, 23, 39

 8, 0, 19

 0, 0, 0

 178, 166, 187

 178, 166, 187

170, 147, 187

186, 185, 187

162, 129, 187

194, 203, 187

154, 110, 187

202, 222, 187

146, 91, 187

210, 241, 187

138, 73, 187

218, 255, 187

130, 54, 187

226, 255, 187

122, 35, 187

234, 255, 187

114, 16, 187

242, 255, 187

107, 0, 187

250, 255, 187

# Harmonies

## Analogous

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



164, 170, 192



178, 166, 187



189, 163, 177

# Triad

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



178, 166, 187



186, 167, 149



143, 177, 174

# Complementary

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



178, 166, 187



175, 187, 166

# 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.



150, 176, 163



178, 166, 187



175, 171, 148

# Square

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



178, 166, 187



193, 164, 156



162, 174, 153



143, 176, 185

# Rectangle

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



178, 166, 187



193, 163, 170



162, 174, 153



144, 177, 171



# Sweetspot

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



178, 166, 187



239, 235, 242



166, 175, 187



120, 118, 122



250, 250, 250



122, 122, 122



# Same Dimension

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



178, 166, 187



229, 211, 242



187, 166, 186



90, 85, 94



90, 0, 158



17, 0, 31



# Inverse Universe

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



187, 166, 175



242, 211, 224



166, 187, 167



94, 85, 89



158, 0, 68

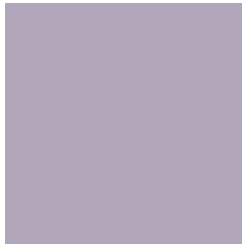


31, 0, 13



# Previews

## White Background



This preview shows how the RGB color 178, 166, 187 looks on a white background.

## Color Contrast Check

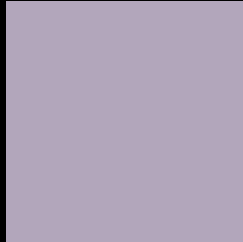
Large Text (above 18pt) WCAG AA × Fail

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, 166, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

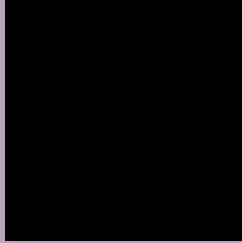
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 178, 166, 187 Background



This preview shows how black text looks on a background with the RGB color 178, 166, 187.



This preview shows how white text looks on a background with the RGB color 178, 166, 187.

# 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, 166, 187

**Protanopia**  
168, 169, 189

**Deuteranopia**  
179, 166, 187



**Tritanopia**  
177, 167, 180

# Trichromacy



**Original Color**  
178, 166, 187

**Protanomaly**  
172, 168, 188

**Deuteranomaly**  
179, 166, 187

**Tritanomaly**  
177, 167, 183

# Monochromacy



**Original Color**  
178, 166, 187

**Achromatopsia**  
172, 172, 172

**Achromatomaly**  
174, 170, 177

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 178, 166, 187 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, 166, 187) looks like.

```
.text, #text, p{  
    color:rgb(178, 166, 187)  
}
```

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, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 166, 187) }
```

## Border

The CSS property to change the border of an element to RGB 178, 166, 187 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, 166, 187) }
```

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

```
.border{ border-color:rgb(178, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(178, 166,  
187) }
```

# Background

The CSS property to change the background color of an element to RGB 178, 166, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 166, 187) }
```

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

```
.background{ background-color: rgb(178,  
166, 187) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor