

Converting Colors

RGB(178, 158, 193)

Have a look what the booklet for
RGB(178, 158, 193) contains.

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Color

RGB(178, 158, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B29EC1
RGB	178, 158, 193
RGB Percent	70%, 62%, 76%
CMY	0.3020, 0.3804, 0.2431
CMYK	0.08, 0.18, 0.00, 0.24
HSL	274°, 22%, 69%
HSV	274°, 18%, 76%
XYZ	40.2126, 37.7690, 55.6228
YIQ	167.9700, 0.6850, 15.1250

Conversions

Conversions Part 2

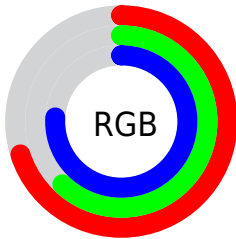
Format	Color
R_{YB}	178, 158, 193
Decimal	11706049
CIE _{Lab}	67.85, 13.93, -15.31
CIE _{LCh}	68, 20.703, 312.306
Yxy	37.7690, 0.3010, 0.2827
Android (android.graphics.Color)	4289896129 (0xFFB29EC1)
YUV	167.9700, 12.3398, 8.7963
Hunter-Lab	61.4565, 9.2485, -10.6425

Details

The RGB color **178, 158, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **173, 193, 158**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **234, 213, 249**, and **125, 107, 139** is the 20% darker color. If you saturate the color by 10%, you get **170, 139, 193**, and if you desaturate by 10%, it is **186, 177, 193**.

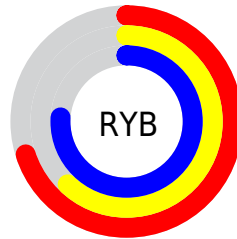
Distribution



Red (70%)

Green (62%)

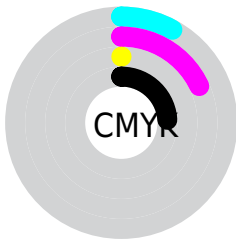
Blue (76%)



Red (70%)

Yellow (62%)

Blue (76%)

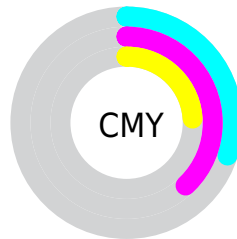


Cyan (8%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 158, 193 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, 158, 193 by changing the saturation by 10% instead.

■ 178, 158, 193

255, 255, 255

■ 234, 213, 249

■ 255, 241, 255

■ 178, 158, 193

■ 151, 132, 166

■ 125, 107, 139

■ 100, 82, 114

■ 76, 59, 89

■ 53, 37, 66

■ 31, 17, 44

■ 0, 0, 23


■ 0, 0, 0

■ 178, 158, 193

■ 178, 158, 193

 170, 139, 193

 186, 177, 193

 161, 119, 193

 195, 197, 193

 153, 100, 193

 203, 216, 193

 145, 81, 193

 211, 235, 193

 137, 62, 193


 219, 255, 193

 128, 42, 193


 228, 255, 193

 120, 23, 193

 236, 255, 193

 112, 4, 193

 244, 255, 193

 110, 0, 193

 252, 255, 193

Harmonies

Analogous

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



154, 164, 202



178, 158, 193



196, 153, 177

Triad

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



178, 158, 193



190, 160, 130



116, 176, 173

Complementary

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



178, 158, 193



173, 193, 158

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.



130, 175, 153



178, 158, 193



172, 167, 129

Square

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



178, 158, 193



201, 155, 141



150, 172, 137



115, 174, 190

Rectangle

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



178, 158, 193



202, 152, 165



150, 172, 137



119, 176, 166

Sweetspot

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



178, 158, 193



245, 237, 250



158, 173, 193



122, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



178, 158, 193



226, 195, 250



193, 158, 191



93, 87, 97



92, 0, 161



19, 0, 33

Inverse Universe

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



193, 158, 173



250, 195, 218



158, 193, 160



97, 87, 91



161, 0, 69



33, 0, 14

Previews

White Background



This preview shows how the RGB color 178, 158, 193 looks on a white background.

Color Contrast Check

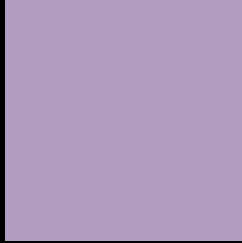
Large Text (above 18pt) WCAG AA × Fail

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, 158, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

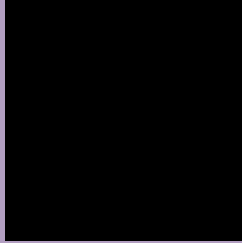
Any Text WCAG AA ✓ Pass

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, 158, 193 Background



This preview shows how black text looks on a background with the RGB color 178, 158, 193.



This preview shows how white text looks on a background with the RGB color 178, 158, 193.

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, 158, 193

Protanopia
159, 164, 197

Deuteranopia
169, 161, 192



Tritanopia
175, 161, 174

Trichromacy



Original Color
178, 158, 193

Protanomaly
166, 162, 196

Deuteranomaly
172, 160, 192

Tritanomaly
176, 160, 181

Monochromacy



Original Color
178, 158, 193

Achromatopsia
168, 168, 168

Achromatomaly
172, 164, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 158, 193 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, 158, 193) looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 193)  
}
```

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, 158, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 193) }
```

Border

The CSS property to change the border of an element to RGB 178, 158, 193 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, 158, 193) }
```

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

```
.border{ border-color:rgb(178, 158, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 178, 158, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 193) }
```

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

```
.background{ background-color: rgb(178,  
158, 193) }
```

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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