

Converting Colors

RGB(118, 178, 149)

Have a look what the booklet for
RGB(118, 178, 149) contains.

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Color

RGB(118, 178, 149)

Conversions

Conversions Part 1

Format	Color
Hex	76B295
RGB	118, 178, 149
RGB Percent	46%, 70%, 58%
CMY	0.5373, 0.3020, 0.4157
CMYK	0.34, 0.00, 0.16, 0.30
HSL	151°, 28%, 58%
HSV	151°, 34%, 70%
XYZ	28.8164, 37.8623, 34.2231
YIQ	156.7540, -26.4510, -21.7390

Conversions

Conversions Part 2

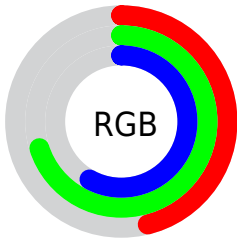
Format	Color
RYB	118, 158, 178
Decimal	7778965
CIELab	67.92, -25.82, 8.71
CIElCh	68, 27.252, 161.371
Yxy	37.8623, 0.2856, 0.3752
Android (android.graphics.Color)	4285969045 (0xFF76B295)
YUV	156.7540, -3.8227, -33.9873
Hunter-Lab	61.5323, -24.0876, 10.0966

Details

The RGB color **118, 178, 149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 118, 147**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **172, 234, 203**, and **67, 125, 98** is the 20% darker color. If you saturate the color by 10%, you get **100, 178, 140**, and if you desaturate by 10%, it is **136, 178, 158**.

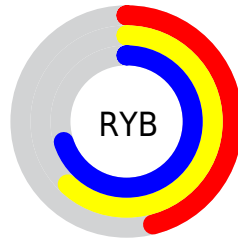
Distribution



Red (46%)

Green (70%)

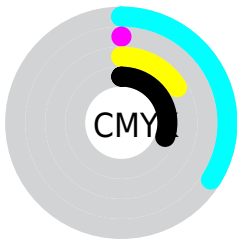
Blue (58%)



Red (46%)

Yellow (62%)

Blue (70%)

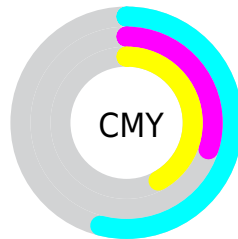


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (30%)



Cyan (54%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 178, 149 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 118, 178, 149 by changing the saturation by 10% instead.

 118, 178, 149


255, 255, 255


 172, 234, 203


 200, 255, 231

 228, 255, 255

 118, 178, 149

 92, 151, 123

 67, 125, 98

 41, 100, 74


 12, 76, 52

 0, 52, 31


 0, 32, 7


 0, 0, 0

 118, 178, 149


 100, 178, 140


 118, 178, 149


 136, 178, 158

 82, 178, 132


 154, 178, 166

 65, 178, 123


 171, 178, 175

 47, 178, 115


 189, 178, 183

 29, 178, 106

 207, 178, 192

 11, 178, 97

 225, 178, 201

 0, 178, 92

 243, 178, 209

 255, 178, 218

 255, 178, 226

Harmonies

Analogous

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



146, 174, 128



118, 178, 149



95, 179, 174

Triad

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



118, 178, 149



148, 165, 213



212, 151, 134

Complementary

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



118, 178, 149



178, 118, 147

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.



215, 147, 157



118, 178, 149



181, 156, 202

Square

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



118, 178, 149



113, 172, 211



205, 149, 182



197, 159, 119

Rectangle

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



118, 178, 149



90, 178, 190



205, 149, 182



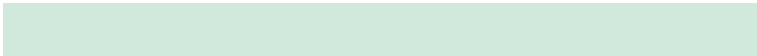
214, 149, 141

Sweetspot

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



118, 178, 149



209, 232, 221



147, 178, 118



103, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



118, 178, 149



139, 232, 187



118, 177, 178



80, 89, 85



0, 153, 79



0, 26, 13

Inverse Universe

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



178, 118, 147



232, 139, 184



178, 119, 118



89, 80, 85



153, 0, 74



26, 0, 12

Previews

White Background



This preview shows how the RGB color 118, 178, 149 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 118, 178, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

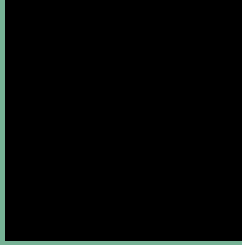
Any Text WCAG AA ✓ Pass

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 118, 178, 149 Background



This preview shows how black text looks on a background with the RGB color 118, 178, 149.

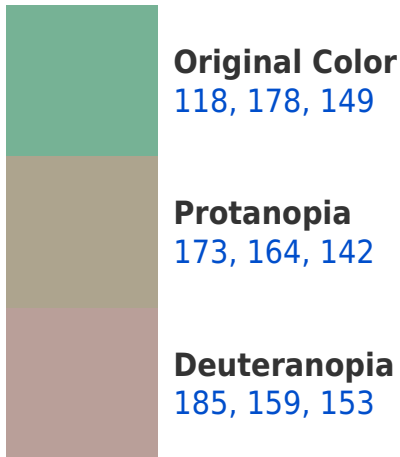


This preview shows how white text looks on a background with the RGB color 118, 178, 149.

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
126, 173, 187

Trichromacy



Original Color
118, 178, 149

Protanomaly
153, 169, 145

Deuteranomaly
161, 166, 152

Tritanomaly
123, 175, 173

Monochromacy



Original Color
118, 178, 149

Achromatopsia
157, 157, 157

Achromatomaly
143, 165, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 178, 149 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(118, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 149)  
}
```

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(118, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 149) }
```

Border

The CSS property to change the border of an element to RGB 118, 178, 149 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(118, 178, 149) }
```

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

```
.border{ border-color:rgb(118, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(118, 178,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 118, 178, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 149) }
```

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

```
.background{ background-color: rgb(118,  
178, 149) }
```

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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