

# Converting Colors

RGB(168, 178, 115)

Have a look what the booklet for  
RGB(168, 178, 115) contains.

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# **Color**

**RGB(168, 178, 115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B273
RGB	168, 178, 115
RGB Percent	66%, 70%, 45%
CMY	0.3412, 0.3020, 0.5490
CMYK	0.06, 0.00, 0.35, 0.30
HSL	70°, 29%, 57%
HSV	70°, 35%, 70%
XYZ	35.1634, 41.4034, 22.3580
YIQ	167.8280, 14.2630, -21.7130

# Conversions

## Conversions Part 2

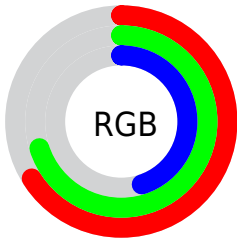
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 178, 125
Decimal	11055731
CIELab	70.46, -13.72, 31.07
CIELCh	70, 33.968, 113.829
Yxy	41.4034, 0.3555, 0.4185
Android (android.graphics.Color)	4289245811 (0xFFA8B273)
YUV	167.8280, -26.0442, 0.1508
Hunter-Lab	64.3455, -15.0584, 24.4405

# Details

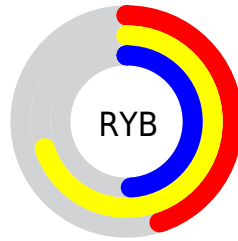
The RGB color **168, 178, 115** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 115, 178**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **224, 234, 168**, and **115, 125, 66** is the 20% darker color. If you saturate the color by 10%, you get **165, 178, 97**, and if you desaturate by 10%, it is **171, 178, 133**.

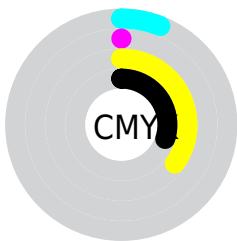
# Distribution



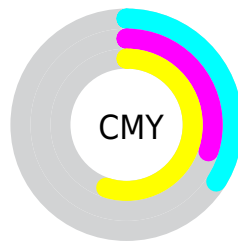
- Red (66%)
- Green (70%)
- Blue (45%)



- Red (45%)
- Yellow (70%)
- Blue (49%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 168, 178, 115 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 168, 178, 115 by changing the saturation by 10% instead.



 168, 178, 115


255, 255, 255


 224, 234, 168

 253, 255, 195


 255, 255, 223

 255, 255, 252

 168, 178, 115


 141, 151, 90

 115, 125, 66

 90, 100, 42

 65, 77, 19


 42, 54, 0


 19, 33, 0


 0, 3, 0

 0, 0, 0

 168, 178, 115


 168, 178, 115

 165, 178, 97

 171, 178, 133

 162, 178, 79

 174, 178, 151

 160, 178, 62

 176, 178, 168

 157, 178, 44

 179, 178, 186

 154, 178, 26


 182, 178, 204

 151, 178, 8

 185, 178, 222

 150, 178, 0

 188, 178, 240

 191, 178, 255

 193, 178, 255

# Harmonies

## Analogous

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



199, 168, 111



168, 178, 115



132, 185, 135

# Triad

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



168, 178, 115



75, 185, 221



228, 149, 180

# Complementary

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



168, 178, 115



125, 115, 178

# 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.



205, 156, 209



168, 178, 115



120, 177, 233

# Square

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



168, 178, 115



65, 189, 196



167, 167, 229



233, 150, 149

# Rectangle

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



168, 178, 115



107, 188, 154



167, 167, 229



222, 151, 190



# Sweetspot

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



168, 178, 115



228, 232, 207



178, 124, 115



115, 117, 102



245, 245, 245



117, 117, 117



# Same Dimension

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



168, 178, 115



217, 232, 135



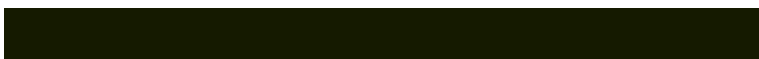
137, 178, 115



88, 89, 80



129, 153, 0



21, 26, 0



# Inverse Universe

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



125, 115, 178



150, 135, 232



156, 115, 178



82, 80, 89



24, 0, 153



4, 0, 26



# Previews

## White Background



This preview shows how the RGB color 168, 178, 115 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 168, 178, 115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

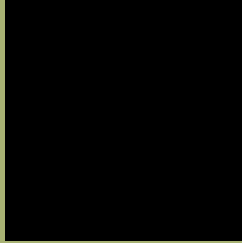
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 168, 178, 115 Background



This preview shows how black text looks on a background with the RGB color 168, 178, 115.

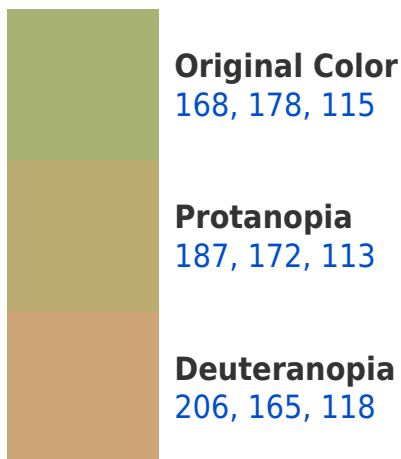


This preview shows how white text looks on a background with the RGB color 168, 178, 115.

# 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**  
177, 170, 183

# Trichromacy



**Original Color**  
168, 178, 115

**Protanomaly**  
180, 174, 114

**Deuteranomaly**  
192, 170, 117

**Tritanomaly**  
174, 173, 158

# Monochromacy



**Original Color**  
168, 178, 115

**Achromatopsia**  
168, 168, 168

**Achromatomaly**  
168, 172, 149

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 168, 178, 115 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(168, 178, 115)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 115)  
}
```

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(168, 178, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 115) }
```

## Border

The CSS property to change the border of an element to RGB 168, 178, 115 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(168, 178, 115) }
```

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

```
.border{ border-color:rgb(168, 178, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 115);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
115) }
```

# Background

The CSS property to change the background color of an element to RGB 168, 178, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 115) }
```

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

```
.background{ background-color: rgb(168,  
178, 115) }
```

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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