

Converting Colors

RGB(168, 175, 149)

Have a look what the booklet for
RGB(168, 175, 149) contains.

RGB(168, 175, 149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(168, 175, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A8AF95
RGB	168, 175, 149
RGB Percent	66%, 69%, 58%
CMY	0.3412, 0.3137, 0.4157
CMYK	0.04, 0.00, 0.15, 0.31
HSL	76°, 14%, 64%
HSV	76°, 15%, 69%
XYZ	36.9032, 41.1547, 34.4324
YIQ	169.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

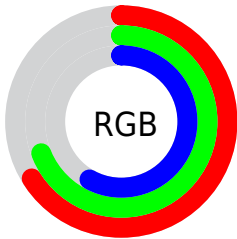
Format	Color
RYB	149, 175, 156
Decimal	11054997
CIELab	70.28, -7.15, 12.51
CIELCh	70, 14.406, 119.758
Yxy	41.1547, 0.3281, 0.3659
Android (android.graphics.Color)	4289245077 (0xFFA8AF95)
YUV	169.9430, -10.3249, -1.7040
Hunter-Lab	64.1519, -9.5842, 13.0835

Details

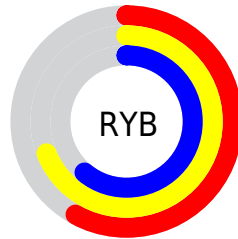
The RGB color **168, 175, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 149, 175**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **223, 231, 203**, and **116, 123, 98** is the 20% darker color. If you saturate the color by 10%, you get **163, 175, 132**, and if you desaturate by 10%, it is **173, 175, 167**.

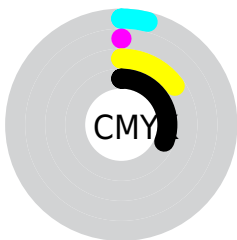
Distribution



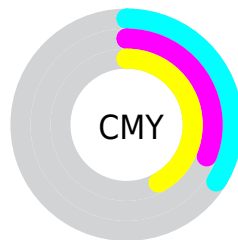
- Red (66%)
- Green (69%)
- Blue (58%)



- Red (58%)
- Yellow (69%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 175, 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 168, 175, 149 by changing the saturation by 10% instead.


 168, 175, 149

255, 255, 255


 223, 231, 203

 252, 255, 231

 168, 175, 149

 142, 148, 123

 116, 123, 98

 91, 98, 74

 68, 74, 52

 45, 51, 30

 25, 30, 7

 0, 2, 0

 0, 0, 0

 168, 175, 149

 168, 175, 149

■ 163, 175, 132

■ 173, 175, 167

■ 159, 175, 114

■ 177, 175, 184

■ 154, 175, 97

■ 182, 175, 202

■ 149, 175, 79

■ 187, 175, 219

■ 144, 175, 62

■ 192, 175, 237

■ 140, 175, 44

■ 196, 175, 254

■ 135, 175, 27

■ 201, 175, 255

■ 130, 175, 9

■ 206, 175, 255

■ 128, 175, 0

■ 210, 175, 255

Harmonies

Analogous

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



183, 171, 146



168, 175, 149



153, 178, 158

Triad

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



168, 175, 149



144, 177, 194



198, 163, 172

Complementary

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



168, 175, 149



156, 149, 175

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.



189, 165, 185



168, 175, 149



157, 173, 198

Square

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



168, 175, 149



138, 179, 184



174, 169, 194



200, 164, 159

Rectangle

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



168, 175, 149



145, 179, 167



174, 169, 194



196, 163, 177

Sweetspot

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



168, 175, 149



225, 227, 218



175, 156, 149



113, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



168, 175, 149



216, 227, 186



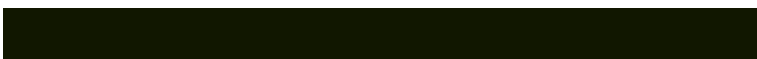
155, 175, 149



84, 87, 78



110, 150, 0



17, 23, 0

Inverse Universe

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



156, 149, 175



197, 186, 227



169, 149, 175



80, 78, 87



41, 0, 150



6, 0, 23

Previews

White Background



This preview shows how the RGB color 168, 175, 149 looks on a white background.

Color Contrast Check

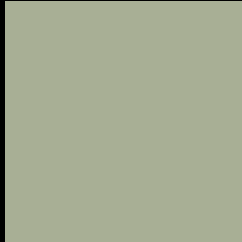
Large Text (above 18pt) WCAG AA × Fail

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 168, 175, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

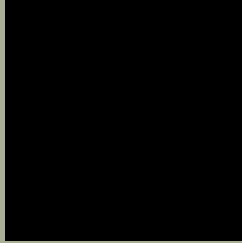
Any Text WCAG AA ✓ Pass

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 168, 175, 149 Background



This preview shows how black text looks on a background with the RGB color 168, 175, 149.



This preview shows how white text looks on a background with the RGB color 168, 175, 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



Original Color
168, 175, 149

Protanopia
180, 171, 147

Deuteranopia
196, 165, 151



Tritanopia
173, 170, 184

Trichromacy



Original Color

168, 175, 149

Protanomaly

176, 172, 148

Deuteranomaly

186, 169, 150

Tritanomaly

171, 172, 171

Monochromacy



Original Color

168, 175, 149

Achromatopsia

170, 170, 170

Achromatomaly

169, 172, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 175, 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(168, 175, 149) looks like.

```
.text, #text, p{  
    color:rgb(168, 175, 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(168, 175, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 175, 149) }
```

Border

The CSS property to change the border of an element to RGB 168, 175, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

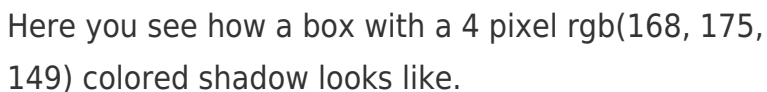
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 175, 149) }
```

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

```
.border{ border-color:rgb(168, 175, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 175, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 175, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 175, 149); box-shadow:4px 4px 4px 4px rgb(168, 175, 149) }
```

Background

The CSS property to change the background color of an element to RGB 168, 175, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 175, 149) }
```

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

```
.background{ background-color: rgb(168,  
175, 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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