

Converting Colors

RGB(172, 184, 149)

Have a look what the booklet for
RGB(172, 184, 149) contains.

RGB(172, 184, 149) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

RGB(172, 184, 149)

Conversions

Conversions Part 1	
Format	Color
Hex	ACB895
RGB	172, 184, 149
RGB Percent	67%, 72%, 58%
CMY	0.3255, 0.2784, 0.4157
CMYK	0.07, 0.00, 0.19, 0.28
HSL	81°, 20%, 65%
HSV	81°, 19%, 72%
XYZ	39.5786, 45.2216, 35.0764
YIQ	176.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

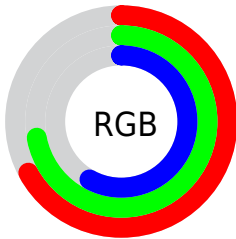
Format	Color
RYB	149, 184, 161
Decimal	11319445
CIELab	73.04, -10.41, 16.41
CIELCh	73, 19.432, 122.387
Yxy	45.2216, 0.3302, 0.3772
Android (android.graphics.Color)	4289509525 (0xFFACB895)
YUV	176.4220, -13.5190, -3.8781
Hunter-Lab	67.2470, -12.6251, 16.1469

Details

The RGB color **172, 184, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 149, 184**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **228, 240, 203**, and **119, 131, 98** is the 20% darker color. If you saturate the color by 10%, you get **166, 184, 131**, and if you desaturate by 10%, it is **178, 184, 167**.

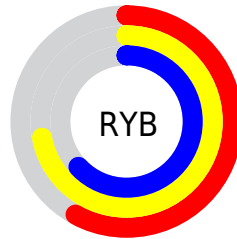
Distribution



Red (67%)

Green (72%)

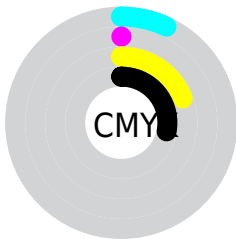
Blue (58%)



Red (58%)

Yellow (72%)

Blue (63%)

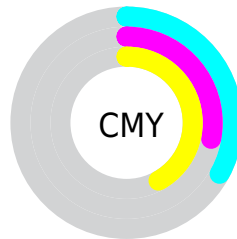


Cyan (7%)

Magenta (0%)

Yellow (19%)

Black (28%)



Cyan (33%)

Magenta (28%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 184, 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 172, 184, 149 by changing the saturation by 10% instead.


 172, 184, 149

255, 255, 255

 228, 240, 203


 255, 255, 231

 172, 184, 149

 145, 157, 123

 119, 131, 98

 95, 106, 74

 71, 82, 51


 48, 59, 30

 27, 37, 6


 0, 17, 0

 0, 0, 0

 172, 184, 149


 172, 184, 149


 166, 184, 131

 178, 184, 167

 159, 184, 112


 185, 184, 186

 153, 184, 94

 191, 184, 204


 147, 184, 75

 197, 184, 223

 140, 184, 57

 204, 184, 241

 134, 184, 39

 210, 184, 255

 128, 184, 20

 216, 184, 255

 122, 184, 2

 222, 184, 255

 121, 184, 0

 229, 184, 255

Harmonies

Analogous

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



192, 179, 144



172, 184, 149



152, 188, 162

Triad

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



172, 184, 149



140, 186, 210



215, 167, 178

Complementary

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



172, 184, 149



161, 149, 184

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.



204, 169, 196



172, 184, 149



161, 180, 214

Square

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



172, 184, 149



131, 189, 198



184, 174, 209



216, 168, 161

Rectangle

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



172, 184, 149



141, 189, 174



184, 174, 209



212, 167, 185

Sweetspot

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



172, 184, 149



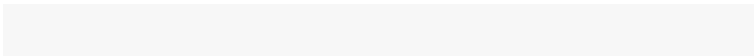
235, 240, 225



184, 161, 149



117, 120, 111



247, 247, 247



120, 120, 120

Same Dimension

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



172, 184, 149



221, 240, 185



155, 184, 149



89, 92, 83



102, 156, 0



18, 28, 0

Inverse Universe

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



161, 149, 184



203, 185, 240



178, 149, 184



86, 83, 92



53, 0, 156



10, 0, 28

Previews

White Background



This preview shows how the RGB color 172, 184, 149 looks on a white background.

Color Contrast Check

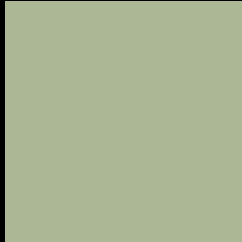
Large Text (above 18pt) WCAG AA × Fail

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 172, 184, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

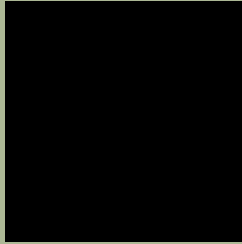
Any Text WCAG AA ✓ Pass

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 172, 184, 149 Background



This preview shows how black text looks on a background with the RGB color 172, 184, 149.



This preview shows how white text looks on a background with the RGB color 172, 184, 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


172, 184, 149

Protanopia

190, 179, 146

Deuteranopia

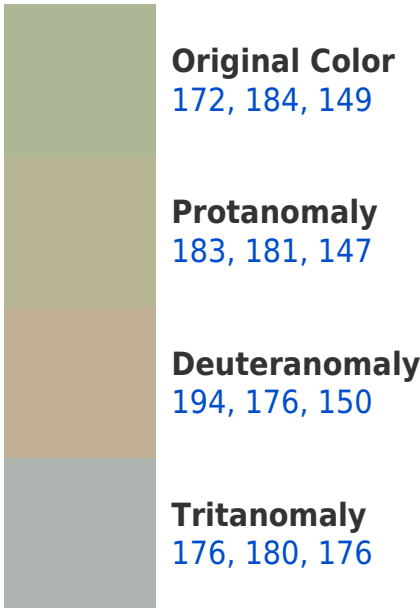
206, 172, 151



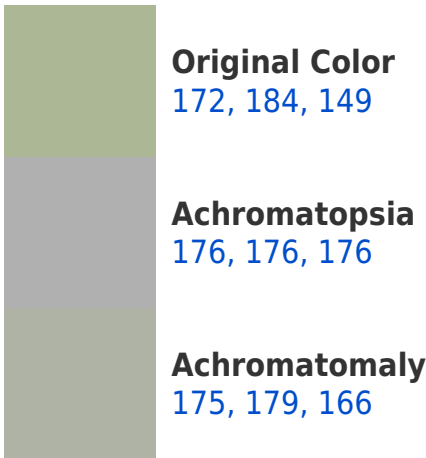
Tritanopia

178, 178, 192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 184, 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(172, 184, 149) looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 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(172, 184, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 149) }
```

Border

The CSS property to change the border of an element to RGB 172, 184, 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(172, 184, 149) }
```

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

```
.border{ border-color:rgb(172, 184, 149) }
```

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

Here you see how a box with a 4 pixel rgb(172, 184, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 172, 184, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 149) }
```

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

```
.background{ background-color: rgb(172,  
184, 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](#).

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