

Converting Colors

RGB(172, 198, 149)

Have a look what the booklet for
RGB(172, 198, 149) contains.

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Color

RGB(172, 198, 149)

Conversions

Conversions Part 1

Format	Color
Hex	ACC695
RGB	172, 198, 149
RGB Percent	67%, 78%, 58%
CMY	0.3255, 0.2235, 0.4157
CMYK	0.13, 0.00, 0.25, 0.22
HSL	92°, 30%, 68%
HSV	92°, 25%, 78%
XYZ	42.6322, 51.3287, 36.0943
YIQ	184.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

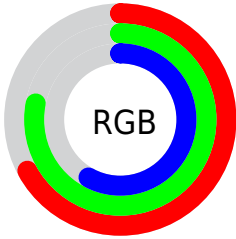
Format	Color
RYB	149, 198, 175
Decimal	11323029
CIELab	76.88, -17.60, 21.72
CIElCh	77, 27.951, 129.015
Yxy	51.3287, 0.3278, 0.3947
Android (android.graphics.Color)	4289513109 (0xFFACC695)
YUV	184.6400, -17.5705, -11.0853
Hunter-Lab	71.6441, -19.1599, 20.2806

Details

The RGB color **172, 198, 149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 149, 198**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **228, 255, 203**, and **119, 144, 98** is the 20% darker color. If you saturate the color by 10%, you get **161, 198, 129**, and if you desaturate by 10%, it is **183, 198, 169**.

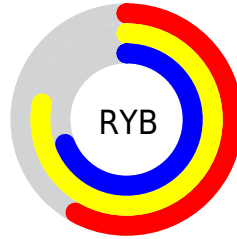
Distribution



Red (67%)

Green (78%)

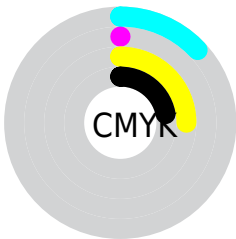
Blue (58%)



Red (58%)

Yellow (78%)

Blue (69%)

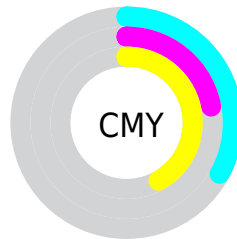


Cyan (13%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 198, 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, 198, 149 by changing the saturation by 10% instead.

 172, 198, 149

255, 255, 255


 228, 255, 203

 255, 255, 232

 172, 198, 149

 145, 171, 123

 119, 144, 98

 94, 118, 74

 70, 94, 51

 47, 70, 29


 25, 47, 5

 0, 28, 0


 0, 0, 0

 172, 198, 149


 172, 198, 149

 161, 198, 129


 183, 198, 169

 151, 198, 109

 193, 198, 189

 140, 198, 90

 204, 198, 208

 130, 198, 70


 214, 198, 228


 119, 198, 50


 225, 198, 248

 109, 198, 30

 235, 198, 255

 98, 198, 10

 246, 198, 255

 93, 198, 0

 255, 198, 255

Harmonies

Analogous

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



201, 191, 139



172, 198, 149



143, 203, 170

Triad

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



172, 198, 149



134, 197, 237



242, 171, 183

Complementary

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



172, 198, 149



175, 149, 198

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.



230, 173, 209



172, 198, 149



169, 189, 240

Square

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



172, 198, 149



114, 203, 221



204, 180, 230



239, 174, 158

Rectangle

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



172, 198, 149



126, 204, 188



204, 180, 230



239, 171, 192

Sweetspot

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



172, 198, 149



246, 255, 237



198, 174, 149



122, 128, 117



0, 0, 0



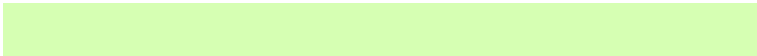
128, 128, 128

Same Dimension

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



172, 198, 149



214, 255, 179



149, 198, 150



94, 99, 90



77, 163, 0



17, 36, 0

Inverse Universe

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



175, 149, 198



219, 179, 255



198, 149, 197



95, 90, 99



87, 0, 163



19, 0, 36

Previews

White Background



This preview shows how the RGB color 172, 198, 149 looks on a white background.

Color Contrast Check

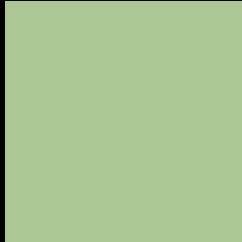
Large Text (above 18pt) WCAG AA × Fail

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, 198, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

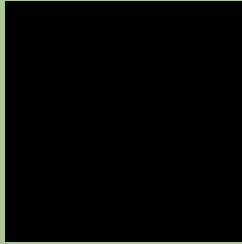
Any Text WCAG AA ✓ Pass

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, 198, 149 Background



This preview shows how black text looks on a background with the RGB color 172, 198, 149.

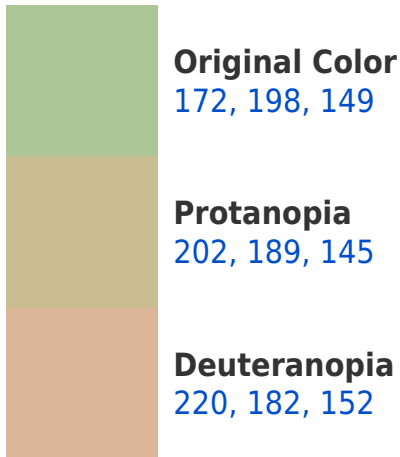


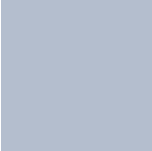
This preview shows how white text looks on a background with the RGB color 172, 198, 149.

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](#).

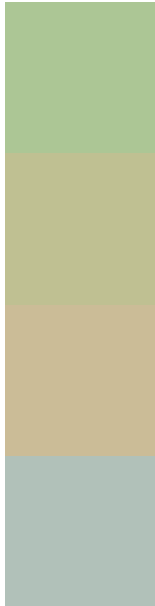
Dichromacy





Tritanopia
180, 190, 206

Trichromacy



Original Color

172, 198, 149

Protanomaly

191, 192, 146

Deuteranomaly

203, 188, 151

Tritanomaly

177, 193, 185

Monochromacy



Original Color

172, 198, 149

Achromatopsia

185, 185, 185

Achromatomaly

180, 190, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 198, 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, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 198, 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, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 198, 149) }
```

Border

The CSS property to change the border of an element to RGB 172, 198, 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, 198, 149) }
```

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

```
.border{ border-color:rgb(172, 198, 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, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 198,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 172, 198, 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, 198, 149) }
```

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

```
.background{ background-color: rgb(172,  
198, 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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