

Converting Colors

RGB(175, 196, 146)

Have a look what the booklet for
RGB(175, 196, 146) contains.

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Color

RGB(175, 196, 146)

Conversions

Conversions Part 1

Format	Color
Hex	AFC492
RGB	175, 196, 146
RGB Percent	69%, 77%, 57%
CMY	0.3137, 0.2314, 0.4275
CMYK	0.11, 0.00, 0.26, 0.23
HSL	85°, 30%, 67%
HSV	85°, 26%, 77%
XYZ	42.6074, 50.6691, 34.7286
YIQ	184.0210, 3.5340, -20.0020

Conversions

Conversions Part 2

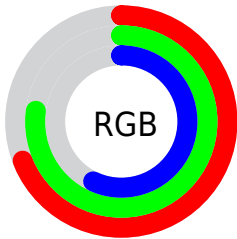
Format	Color
RYB	146, 196, 167
Decimal	11519122
CIELab	76.48, -15.95, 22.80
CIElCh	76, 27.821, 124.975
Yxy	50.6691, 0.3329, 0.3958
Android (android.graphics.Color)	4289709202 (0xFFAFC492)
YUV	184.0210, -18.7444, -7.9114
Hunter-Lab	71.1823, -17.7245, 20.9010

Details

The RGB color **175, 196, 146** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **167, 146, 196**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **231, 253, 200**, and **122, 142, 95** is the 20% darker color. If you saturate the color by 10%, you get **167, 196, 126**, and if you desaturate by 10%, it is **183, 196, 166**.

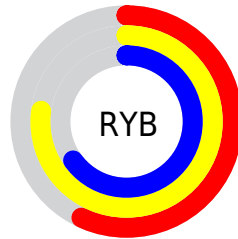
Distribution



Red (69%)

Green (77%)

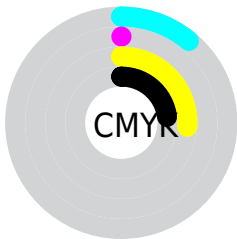
Blue (57%)



Red (57%)

Yellow (77%)

Blue (65%)

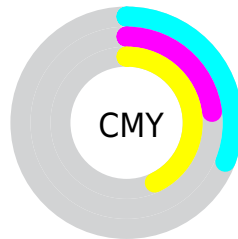


Cyan (11%)

Magenta (0%)

Yellow (26%)

Black (23%)



Cyan (31%)

Magenta (23%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 196, 146 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 175, 196, 146 by changing the saturation by 10% instead.

 175, 196, 146

255, 255, 255

 231, 253, 200

 255, 255, 228

 175, 196, 146

 148, 169, 120


 122, 142, 95

 97, 117, 71

 72, 92, 48

 49, 68, 26


 28, 46, 2

 0, 26, 0

 0, 0, 0


 175, 196, 146


 175, 196, 146


 167, 196, 126


 183, 196, 166

 159, 196, 107

 191, 196, 185

 150, 196, 87


 200, 196, 205

 142, 196, 68

 208, 196, 224

 134, 196, 48

 216, 196, 244


 126, 196, 28

 224, 196, 255

 117, 196, 9

 233, 196, 255

 114, 196, 0

 241, 196, 255

 249, 196, 255

Harmonies

Analogous

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



203, 188, 137



175, 196, 146



146, 201, 166

Triad

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



175, 196, 146



129, 197, 235



240, 170, 185

Complementary

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



175, 196, 146



167, 146, 196

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.



225, 173, 211



175, 196, 146



163, 190, 239

Square

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



175, 196, 146



112, 202, 217



198, 181, 231



239, 173, 160

Rectangle

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



175, 196, 146



128, 203, 183



198, 181, 231



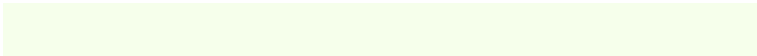
236, 170, 194

Sweetspot

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



175, 196, 146



246, 255, 235



196, 167, 146



122, 128, 115



0, 0, 0



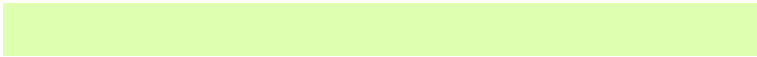
128, 128, 128

Same Dimension

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



175, 196, 146



222, 255, 176



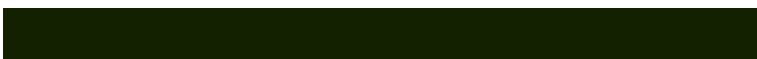
150, 196, 146



93, 97, 87



93, 161, 0



19, 33, 0

Inverse Universe

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



167, 146, 196



209, 176, 255



192, 146, 196



91, 87, 97



67, 0, 161



14, 0, 33

Previews

White Background



This preview shows how the RGB color 175, 196, 146 looks on a white background.

Color Contrast Check

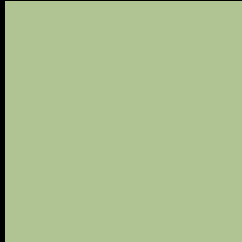
Large Text (above 18pt) WCAG AA × Fail

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 175, 196, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

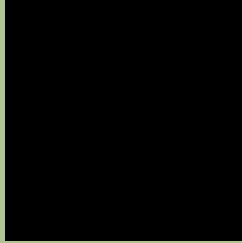
Any Text WCAG AA ✓ Pass

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 175, 196, 146 Background



This preview shows how black text looks on a background with the RGB color 175, 196, 146.

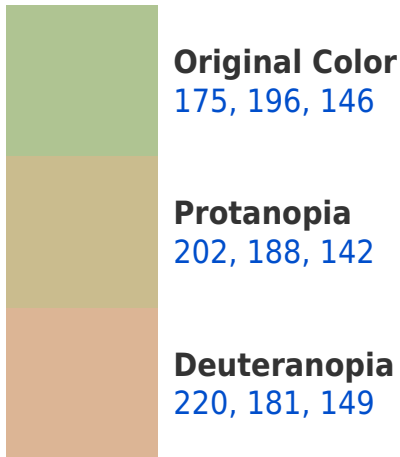


This preview shows how white text looks on a background with the RGB color 175, 196, 146.

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](#).

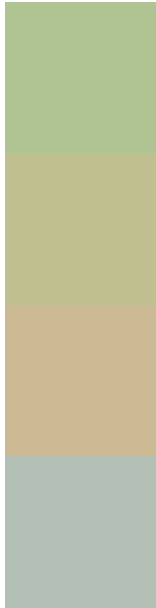
Dichromacy





Tritanopia
183, 188, 203

Trichromacy



Original Color

175, 196, 146

Protanomaly

192, 191, 143

Deuteranomaly

204, 186, 148

Tritanomaly

180, 191, 182

Monochromacy



Original Color

175, 196, 146

Achromatopsia

184, 184, 184

Achromatomaly

181, 188, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 196, 146 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(175, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(175, 196, 146)  
}
```

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(175, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 196, 146) }
```

Border

The CSS property to change the border of an element to RGB 175, 196, 146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

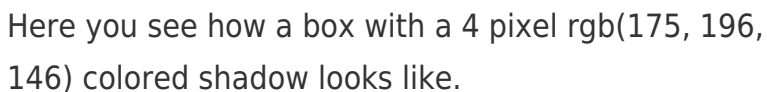
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 196, 146) }
```

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

```
.border{ border-color:rgb(175, 196, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 196, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 196, 146); box-shadow:4px 4px 4px 4px rgb(175, 196, 146) }
```

Background

The CSS property to change the background color of an element to RGB 175, 196, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 196, 146) }
```

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

```
.background{ background-color: rgb(175,  
196, 146) }
```

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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