

Converting Colors

RGB(170, 186, 129)

Have a look what the booklet for
RGB(170, 186, 129) contains.

| | |
|--|----|
| RGB(170, 186, 129) | 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(170, 186, 129)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AABA81 |
| RGB | 170, 186, 129 |
| RGB Percent | 67%, 73%, 51% |
| CMY | 0.3333, 0.2706, 0.4941 |
| CMYK | 0.09, 0.00, 0.31, 0.27 |
| HSL | 77°, 29%, 62% |
| HSV | 77°, 31%, 73% |
| XYZ | 38.0989, 45.2488, 27.4948 |
| YIQ | 174.7180, 8.7610, -21.1190 |

Conversions

Conversions Part 2

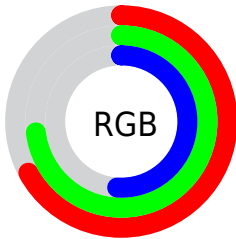
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 186, 145 |
| Decimal | 11188865 |
| CIELab | 73.06, -15.20, 27.13 |
| CIELCh | 73, 31.097, 119.257 |
| Yxy | 45.2488, 0.3437, 0.4082 |
| Android (android.graphics.Color) | 4289378945 (0xFFAABA81) |
| YUV | 174.7180, -22.5390, -4.1377 |
| Hunter-Lab | 67.2673, -16.6186, 22.8529 |

Details

The RGB color **170, 186, 129** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **145, 129, 186**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **226, 242, 182**, and **117, 133, 79** is the 20% darker color. If you saturate the color by 10%, you get **165, 186, 110**, and if you desaturate by 10%, it is **175, 186, 148**.

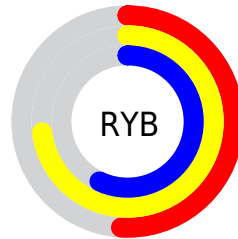
Distribution



Red (67%)

Green (73%)

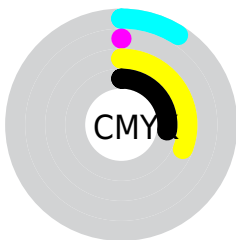
Blue (51%)



Red (51%)

Yellow (73%)

Blue (57%)

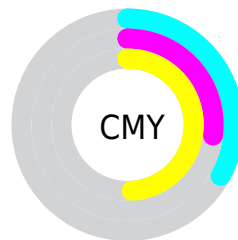


Cyan (9%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 186, 129 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 170, 186, 129 by changing the saturation by 10% instead.

 170, 186, 129

255, 255, 255

 226, 242, 182

 255, 255, 210


 255, 255, 239

 170, 186, 129

 143, 159, 104

 117, 133, 79

 92, 108, 55

 68, 83, 33

 44, 60, 10

 23, 38, 0

 0, 19, 0


 0, 0, 0


 170, 186, 129

 170, 186, 129

 165, 186, 110

 175, 186, 148


 160, 186, 92

 180, 186, 166

 154, 186, 73


 186, 186, 185


 149, 186, 55

 191, 186, 203

 144, 186, 36


 196, 186, 222

 139, 186, 17

 201, 186, 241

 134, 186, 0

 207, 186, 255

 212, 186, 255

 217, 186, 255

Harmonies

Analogous

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



200, 177, 122



170, 186, 129



137, 192, 149

Triad

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



170, 186, 129



103, 190, 227



233, 158, 181

Complementary

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



170, 186, 129



145, 129, 186

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.



215, 163, 209



170, 186, 129



141, 182, 236

Square

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



170, 186, 129



88, 194, 206



182, 172, 229



236, 160, 153

Rectangle

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



170, 186, 129



115, 194, 168



182, 172, 229



229, 159, 191

Sweetspot

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



170, 186, 129



236, 242, 220



186, 144, 129



119, 122, 109



250, 250, 250



122, 122, 122

Same Dimension

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



170, 186, 129



217, 242, 153



142, 186, 129



89, 92, 83



112, 156, 0



20, 28, 0

Inverse Universe

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



145, 129, 186



178, 153, 242



173, 129, 186



85, 83, 92



44, 0, 156



8, 0, 28

Previews

White Background



This preview shows how the RGB color 170, 186, 129 looks on a white background.

Color Contrast Check

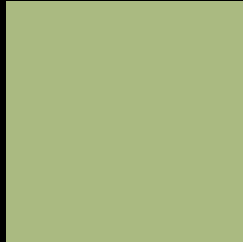
Large Text (above 18pt) WCAG AA × Fail

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 170, 186, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

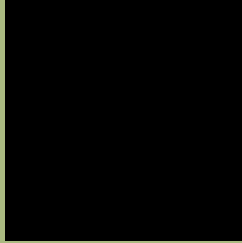
Any Text WCAG AA ✓ Pass

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 170, 186, 129 Background



This preview shows how black text looks on a background with the RGB color 170, 186, 129.



This preview shows how white text looks on a background with the RGB color 170, 186, 129.

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
170, 186, 129

Protanopia
193, 179, 126

Deuteranopia
212, 172, 132



Tritanopia
179, 178, 192

Trichromacy



Original Color
170, 186, 129

Protanomaly
185, 182, 127

Deuteranomaly
197, 177, 131

Tritanomaly
176, 181, 169

Monochromacy



Original Color
170, 186, 129

Achromatopsia
175, 175, 175

Achromatomaly
173, 179, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 186, 129 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(170, 186, 129)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 129)  
}
```

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(170, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 129) }
```

Border

The CSS property to change the border of an element to RGB 170, 186, 129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

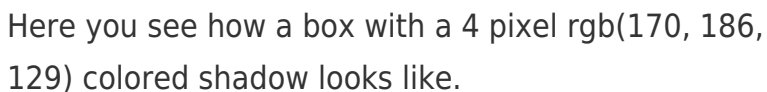
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 186, 129) }
```

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

```
.border{ border-color:rgb(170, 186, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 186, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 186, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 186, 129);  
box-shadow:4px 4px 4px 4px rgb(170, 186,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 170, 186, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 129) }
```

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

```
.background{ background-color: rgb(170,  
186, 129) }
```

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