

Converting Colors

RGB(180, 168, 107)

Have a look what the booklet for
RGB(180, 168, 107) contains.

RGB(180, 168, 107)	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(180, 168, 107)

Conversions

Conversions Part 1

Format	Color
Hex	B4A86B
RGB	180, 168, 107
RGB Percent	71%, 66%, 42%
CMY	0.2941, 0.3412, 0.5804
CMYK	0.00, 0.07, 0.41, 0.29
HSL	50°, 33%, 56%
HSV	50°, 41%, 71%
XYZ	35.4789, 38.7701, 19.5234
YIQ	164.6340, 26.7330, -16.4270

Conversions

Conversions Part 2

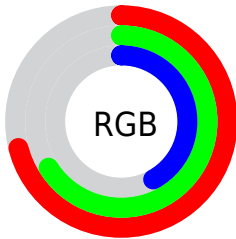
Format	Color
RYB	121, 180, 107
Decimal	11839595
CIELab	68.58, -4.58, 33.06
CIELCh	69, 33.372, 97.886
Yxy	38.7701, 0.3784, 0.4134
Android (android.graphics.Color)	4290029675 (0xFFB4A86B)
YUV	164.6340, -28.4136, 13.4760
Hunter-Lab	62.2656, -7.2558, 24.9956

Details

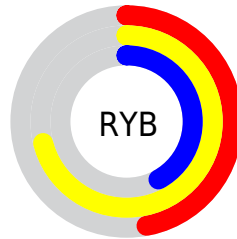
The RGB color **180, 168, 107** is a light color, and the websafe version is hex **999966**. A complement of this color would be **107, 119, 180**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **237, 223, 159**, and **126, 116, 58** is the 20% darker color. If you saturate the color by 10%, you get **180, 165, 89**, and if you desaturate by 10%, it is **180, 171, 125**.

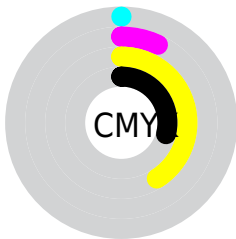
Distribution



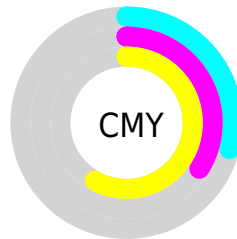
- Red (71%)
- Green (66%)
- Blue (42%)



- Red (47%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (29%)




- Cyan (29%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 168, 107 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 180, 168, 107 by changing the saturation by 10% instead.

 180, 168, 107


255, 255, 255

 237, 223, 159

 255, 252, 186

 255, 255, 214

 255, 255, 243

 180, 168, 107

 153, 142, 82

 126, 116, 58

 100, 92, 35


 75, 68, 11


 51, 46, 0


 27, 26, 0


 0, 0, 0

 180, 168, 107


 180, 165, 89


 180, 168, 107


 180, 171, 125


 180, 162, 71


 180, 174, 143


 180, 159, 53

 180, 177, 161


 180, 156, 35


 180, 180, 179


 180, 153, 17


 180, 183, 197

 180, 150, 0

 180, 186, 215

 180, 189, 233

 180, 192, 251

 180, 195, 255

Harmonies

Analogous

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



207, 158, 112



180, 168, 107



147, 176, 119

Triad

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



180, 168, 107



60, 182, 203



212, 147, 191

Complementary

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



180, 168, 107



107, 119, 180

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.



181, 157, 215



180, 168, 107



91, 177, 222

Square

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



180, 168, 107



75, 184, 174



138, 167, 227



226, 144, 160

Rectangle

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



180, 168, 107



123, 180, 134



138, 167, 227



204, 150, 200

Sweetspot

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



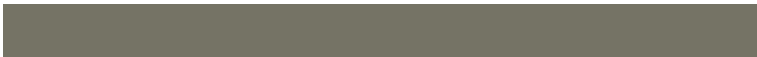
180, 168, 107



235, 230, 206



180, 107, 119



117, 115, 101



245, 245, 245



117, 117, 117

Same Dimension

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



180, 168, 107



235, 216, 120



156, 180, 107



89, 88, 80



153, 128, 0



26, 21, 0

Inverse Universe

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



107, 119, 180



120, 139, 235



131, 107, 180



80, 82, 89



0, 25, 153



0, 4, 26

Previews

White Background



This preview shows how the RGB color 180, 168, 107 looks on a white background.

Color Contrast Check

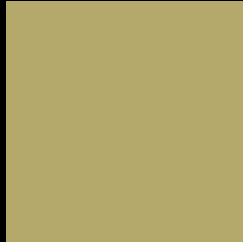
Large Text (above 18pt) WCAG AA × Fail

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 180, 168, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

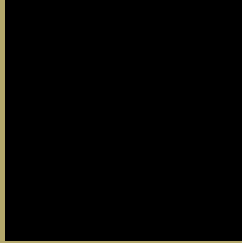
Any Text WCAG AA ✓ Pass

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 180, 168, 107 Background



This preview shows how black text looks on a background with the RGB color 180, 168, 107.

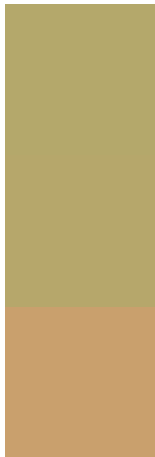


This preview shows how white text looks on a background with the RGB color 180, 168, 107.

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
180, 168, 107

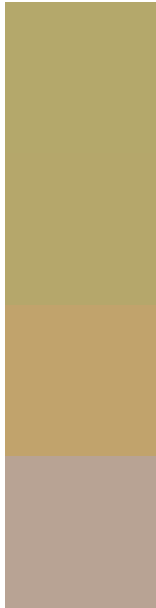
Protanopia
182, 167, 107

Deuteranopia
201, 160, 109



Tritanopia
187, 160, 172

Trichromacy



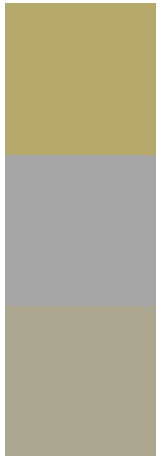
Original Color
180, 168, 107

Protanomaly
181, 167, 107

Deuteranomaly
193, 163, 108

Tritanomaly
184, 163, 148

Monochromacy



Original Color
180, 168, 107

Achromatopsia
165, 165, 165

Achromatomaly
170, 166, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 168, 107 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(180, 168, 107)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 107)  
}
```

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(180, 168, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 107) }
```

Border

The CSS property to change the border of an element to RGB 180, 168, 107 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(180, 168, 107) }
```

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

```
.border{ border-color:rgb(180, 168, 107) }
```

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

Here you see how a box with a 4 pixel rgb(180, 168, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 107);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 180, 168, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 107) }
```

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

```
.background{ background-color: rgb(180,  
168, 107) }
```

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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