

Converting Colors

RGB(181, 165, 101)

Have a look what the booklet for
RGB(181, 165, 101) contains.

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Color

RGB(181, 165, 101)

Conversions

Conversions Part 1

Format	Color
Hex	B5A565
RGB	181, 165, 101
RGB Percent	71%, 65%, 40%
CMY	0.2902, 0.3529, 0.6039
CMYK	0.00, 0.09, 0.44, 0.29
HSL	48°, 35%, 55%
HSV	48°, 44%, 71%
XYZ	34.8602, 37.6736, 17.7463
YIQ	162.4880, 30.0800, -16.5120

Conversions

Conversions Part 2

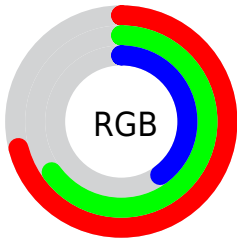
Format	Color
RYB	121, 181, 101
Decimal	11904357
CIELab	67.78, -3.21, 35.20
CIELCh	68, 35.346, 95.217
Yxy	37.6736, 0.3861, 0.4173
Android (android.graphics.Color)	4290094437 (0xFFB5A565)
YUV	162.4880, -30.3136, 16.2350
Hunter-Lab	61.3788, -6.0337, 25.8228

Details

The RGB color **181, 165, 101** is a light color, and the websafe version is hex **999966**. A complement of this color would be **101, 117, 181**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **238, 220, 153**, and **126, 113, 52** is the 20% darker color. If you saturate the color by 10%, you get **181, 161, 83**, and if you desaturate by 10%, it is **181, 169, 119**.

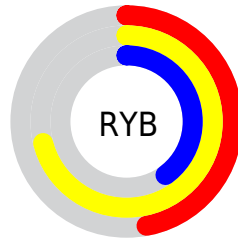
Distribution



Red (71%)

Green (65%)

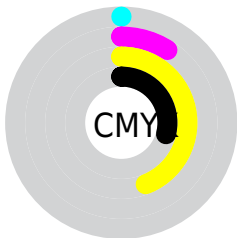
Blue (40%)



Red (47%)

Yellow (71%)

Blue (40%)

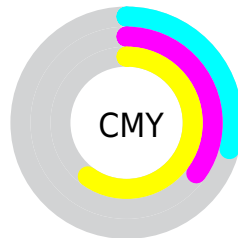


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 165, 101 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 181, 165, 101 by changing the saturation by 10% instead.

 181, 165, 101


255, 255, 255

 238, 220, 153

 255, 248, 180

 255, 255, 208

 255, 255, 236

 181, 165, 101

 153, 139, 76

 126, 113, 52


 100, 89, 29


 75, 66, 4


 51, 44, 0


 27, 24, 0

 0, 0, 0

 181, 165, 101

 181, 161, 83

 181, 165, 101

 181, 169, 119

181, 158, 65

181, 172, 137

181, 154, 47

181, 176, 155

181, 151, 29

181, 179, 173

181, 147, 11

181, 183, 192

181, 145, 0

181, 187, 210

181, 190, 228

181, 194, 246

181, 198, 255

Harmonies

Analogous

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



208, 154, 108



181, 165, 101



147, 174, 112

Triad

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



181, 165, 101



39, 181, 201



210, 145, 192

Complementary

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



181, 165, 101



101, 117, 181

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.



176, 155, 217



181, 165, 101



75, 176, 222

Square

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



181, 165, 101



67, 182, 170



129, 166, 228



226, 140, 161

Rectangle

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



181, 165, 101



122, 178, 128



129, 166, 228



201, 148, 202

Sweetspot

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



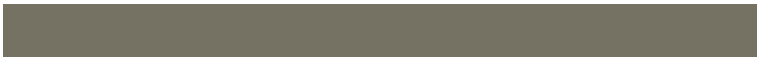
181, 165, 101



235, 229, 204



181, 101, 117



117, 114, 99



245, 245, 245



117, 117, 117

Same Dimension

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



181, 165, 101



235, 210, 110



157, 181, 101



89, 87, 80



153, 122, 0



26, 20, 0

Inverse Universe

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



101, 117, 181



110, 135, 235



125, 101, 181



80, 82, 89



0, 31, 153



0, 5, 26

Previews

White Background



This preview shows how the RGB color 181, 165, 101 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 181, 165, 101 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 181, 165, 101 Background



This preview shows how black text looks on a background with the RGB color 181, 165, 101.



This preview shows how white text looks on a background with the RGB color 181, 165, 101.

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

181, 165, 101

Protanopia

180, 165, 101

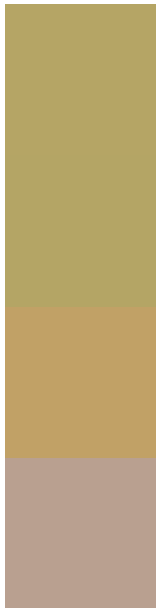
Deuteranopia

200, 158, 103



Tritanopia
188, 157, 169

Trichromacy



Original Color
181, 165, 101

Protanomaly
180, 165, 101

Deuteranomaly
193, 161, 102

Tritanomaly
185, 160, 144

Monochromacy



Original Color
181, 165, 101

Achromatopsia
162, 162, 162

Achromatomaly
169, 163, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 165, 101 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(181, 165, 101)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 101)  
}
```

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(181, 165, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 101) }
```

Border

The CSS property to change the border of an element to RGB 181, 165, 101 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(181, 165, 101) }
```

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

```
.border{ border-color:rgb(181, 165, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 101);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 181, 165, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 101) }
```

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

```
.background{ background-color: rgb(181,  
165, 101) }
```

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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