

# Converting Colors

RGB(181, 139, 102)

Have a look what the booklet for  
RGB(181, 139, 102) contains.

<b>RGB(181, 139, 102)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**RGB(181, 139, 102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B58B66
RGB	181, 139, 102
RGB Percent	71%, 55%, 40%
CMY	0.2902, 0.4549, 0.6000
CMYK	0.00, 0.23, 0.44, 0.29
HSL	28°, 35%, 55%
HSV	28°, 44%, 71%
XYZ	30.6869, 29.2483, 16.5985
YIQ	147.3400, 36.9090, -2.6030

# Conversions

## Conversions Part 2

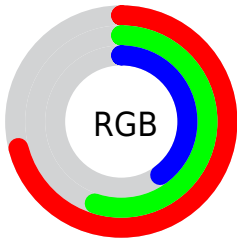
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 172, 102</a>
Decimal	<a href="#">11897702</a>
CIELab	<a href="#">61.00, 11.11, 25.92</a>
CIELCh	<a href="#">61, 28.202, 66.790</a>
Yxy	<a href="#">29.2483, 0.4010, 0.3822</a>
Android (android.graphics.Color)	<a href="#">4290087782 (0xFFB58B66)</a>
YUV	<a href="#">147.3400, -22.3526, 29.5198</a>
Hunter-Lab	<a href="#">54.0817, 6.6412, 19.6602</a>

# Details

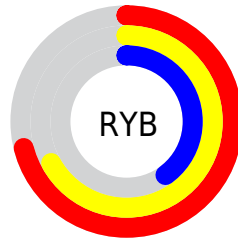
The RGB color **181, 139, 102** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **102, 144, 181**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **238, 192, 153**, and **126, 89, 54** is the 20% darker color. If you saturate the color by 10%, you get **181, 129, 84**, and if you desaturate by 10%, it is **181, 149, 120**.

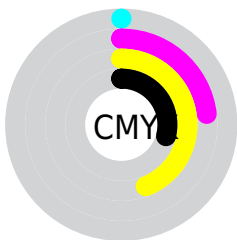
# Distribution



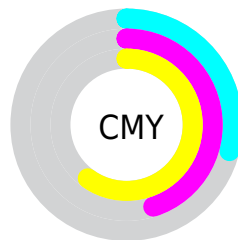
- Red (71%)
- Green (55%)
- Blue (40%)



- Red (71%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (29%)




- Cyan (29%)
- Magenta (45%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 181, 139, 102 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, 139, 102 by changing the saturation by 10% instead.



 181, 139, 102


255, 255, 255

 238, 192, 153

 255, 220, 180

 255, 249, 208

 255, 255, 236

 181, 139, 102

 153, 114, 78

 126, 89, 54


 100, 66, 32


 74, 43, 10


 50, 23, 0


 26, 0, 0


 0, 0, 0


 181, 139, 102


 181, 129, 84


 181, 139, 102


 181, 149, 120


 181, 120, 66

 181, 158, 138


 181, 110, 48


 181, 168, 156


 181, 101, 30

 181, 177, 174

 181, 91, 11

 181, 187, 193

 181, 85, 0

 181, 197, 211

 181, 206, 229

 181, 216, 247

 181, 226, 255

# Harmonies

## Analogous

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



194, 132, 119



181, 139, 102



159, 147, 97

# Triad

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



181, 139, 102



75, 161, 152



158, 139, 187

# Complementary

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



181, 139, 102



102, 144, 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.



123, 148, 196



181, 139, 102



65, 160, 176

# Square

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



181, 139, 102



102, 159, 127



86, 155, 192



184, 131, 167

# Rectangle

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



181, 139, 102



141, 152, 102



86, 155, 192



147, 142, 192



# Sweetspot

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



181, 139, 102



235, 218, 204



181, 102, 144



117, 107, 99



245, 245, 245



117, 117, 117



# Same Dimension

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



181, 139, 102



235, 170, 113



181, 178, 102



89, 85, 80



153, 72, 0



26, 12, 0



# Inverse Universe

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



102, 144, 181



113, 177, 235



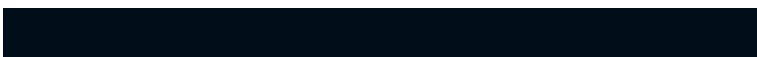
102, 105, 181



80, 85, 89



0, 81, 153

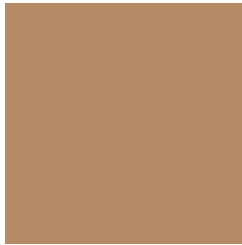


0, 14, 26



# Previews

## White Background



This preview shows how the RGB color 181, 139, 102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 139, 102 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 181, 139, 102 Background



This preview shows how black text looks on a background with the RGB color 181, 139, 102.



This preview shows how white text looks on a background with the RGB color 181, 139, 102.

# 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, 139, 102

**Protanopia**

159, 147, 106

**Deuteranopia**

176, 141, 102



**Tritanopia**  
185, 134, 144

# Trichromacy



**Original Color**  
181, 139, 102

**Protanomaly**  
167, 144, 105

**Deuteranomaly**  
178, 140, 102

**Tritanomaly**  
184, 136, 129

# Monochromacy



**Original Color**  
181, 139, 102

**Achromatopsia**  
147, 147, 147

**Achromatomaly**  
159, 144, 131

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 181, 139, 102 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, 139, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 139, 102)  
}
```

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, 139, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 139, 102) }
```

## Border

The CSS property to change the border of an element to RGB 181, 139, 102 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, 139, 102) }
```

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

```
.border{ border-color:rgb(181, 139, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 139, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 139, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 139, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 139,  
102) }
```

# Background

The CSS property to change the background color of an element to RGB 181, 139, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 139, 102) }
```

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

```
.background{ background-color: rgb(181,  
139, 102) }
```

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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