

Converting Colors

RGB(189, 149, 101)

Have a look what the booklet for
RGB(189, 149, 101) contains.

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Color

RGB(189, 149, 101)

Conversions

Conversions Part 1

Format	Color
Hex	BD9565
RGB	189, 149, 101
RGB Percent	74%, 58%, 40%
CMY	0.2588, 0.4157, 0.6039
CMYK	0.00, 0.21, 0.47, 0.26
HSL	33°, 40%, 57%
HSV	33°, 47%, 74%
XYZ	34.0827, 33.2533, 16.9341
YIQ	155.4880, 39.2480, -6.4480

Conversions

Conversions Part 2

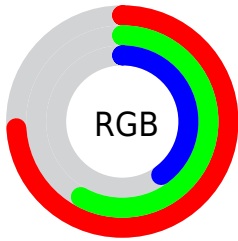
Format	Color
RYB	174, 189, 101
Decimal	12424549
CIELab	64.37, 8.82, 31.01
CIElCh	64, 32.236, 74.120
Yxy	33.2533, 0.4044, 0.3946
Android (android.graphics.Color)	4290614629 (0xFFBD9565)
YUV	155.4880, -26.8626, 29.3900
Hunter-Lab	57.6657, 4.5856, 22.9549

Details

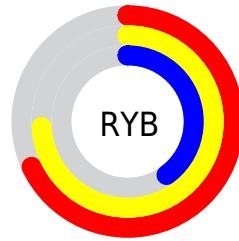
The RGB color **189, 149, 101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **101, 141, 189**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **247, 203, 153**, and **134, 98, 53** is the 20% darker color. If you saturate the color by 10%, you get **189, 140, 82**, and if you desaturate by 10%, it is **189, 158, 120**.

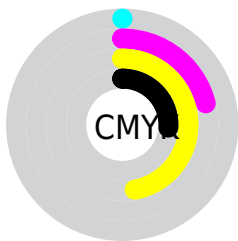
Distribution



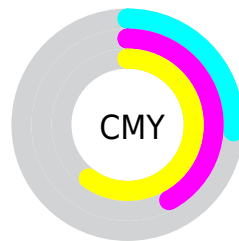
- Red (74%)
- Green (58%)
- Blue (40%)



- Red (68%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (26%)



- Cyan (26%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 149, 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 189, 149, 101 by changing the saturation by 10% instead.

 189, 149, 101

255, 255, 255


 247, 203, 153

 255, 231, 180


 255, 255, 207

 255, 255, 236

 189, 149, 101


 189, 140, 82

 189, 149, 101

 161, 123, 77

 134, 98, 53

 107, 75, 30


 81, 52, 7

 56, 31, 0

 32, 8, 0

 0, 0, 0

 189, 149, 101


 189, 158, 120

 189, 132, 63

 189, 166, 139


 189, 123, 44

 189, 175, 158

 189, 115, 25

 189, 183, 177

 189, 106, 7

 189, 192, 196

 189, 103, 0

 189, 201, 214

 189, 209, 233

 189, 218, 252

 189, 226, 255

Harmonies

Analogous

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



207, 140, 117



189, 149, 101



162, 159, 100

Triad

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



189, 149, 101



61, 172, 169



177, 144, 198

Complementary

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



189, 149, 101



101, 141, 189

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.



137, 154, 212



189, 149, 101



55, 169, 195

Square

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



189, 149, 101



95, 171, 139



92, 163, 211



203, 136, 173

Rectangle

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



189, 149, 101



141, 164, 108



92, 163, 211



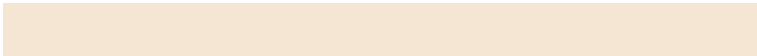
165, 147, 204

Sweetspot

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



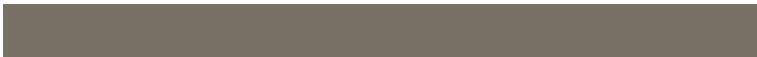
189, 149, 101



245, 229, 211



189, 101, 142



122, 113, 102



250, 250, 250



122, 122, 122

Same Dimension

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



189, 149, 101



245, 182, 108



186, 189, 101



94, 90, 85



158, 86, 0



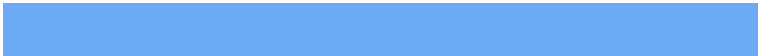
31, 17, 0

Inverse Universe

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



101, 141, 189



108, 170, 245



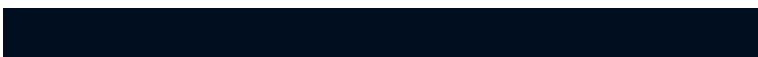
104, 101, 189



85, 89, 94



0, 72, 158



0, 14, 31

Previews

White Background



This preview shows how the RGB color 189, 149, 101 looks on a white background.

Color Contrast Check

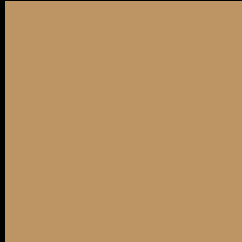
Large Text (above 18pt) WCAG AA × Fail

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 189, 149, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

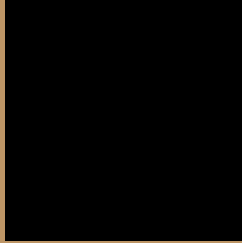
Any Text WCAG AA ✓ Pass

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 189, 149, 101 Background



This preview shows how black text looks on a background with the RGB color 189, 149, 101.



This preview shows how white text looks on a background with the RGB color 189, 149, 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


189, 149, 101

Protanopia

170, 156, 104

Deuteranopia

188, 149, 101



Tritanopia
194, 142, 153

Trichromacy



Original Color
189, 149, 101

Protanomaly
177, 153, 103

Deuteranomaly
188, 149, 101

Tritanomaly
192, 145, 134

Monochromacy



Original Color
189, 149, 101

Achromatopsia
155, 155, 155

Achromatomaly
167, 153, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 149, 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(189, 149, 101)` looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 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(189, 149, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 101) }
```

Border

The CSS property to change the border of an element to RGB 189, 149, 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(189, 149, 101) }
```

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

```
.border{ border-color:rgb(189, 149, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 149, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 101);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 189, 149, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 149, 101) }
```

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

```
.background{ background-color: rgb(189,  
149, 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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