

Converting Colors

RGB(189, 171, 116)

Have a look what the booklet for
RGB(189, 171, 116) contains.

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Color

RGB(189, 171, 116)

Conversions

Conversions Part 1

Format	Color
Hex	BDAB74
RGB	189, 171, 116
RGB Percent	74%, 67%, 45%
CMY	0.2588, 0.3294, 0.5451
CMYK	0.00, 0.10, 0.39, 0.26
HSL	45°, 36%, 60%
HSV	45°, 39%, 74%
XYZ	38.7016, 41.2056, 22.4367
YIQ	170.1120, 28.3830, -13.2890

Conversions

Conversions Part 2

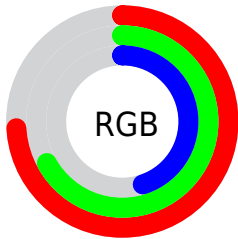
Format	Color
RYB	140, 189, 116
Decimal	12430196
CIELab	70.32, -1.47, 30.70
CIELCh	70, 30.732, 92.746
Yxy	41.2056, 0.3782, 0.4026
Android (android.graphics.Color)	4290620276 (0xFFBDAB74)
YUV	170.1120, -26.6772, 16.5648
Hunter-Lab	64.1916, -4.7163, 24.2107

Details

The RGB color **189, 171, 116** is a light color, and the websafe version is hex **999966**. A complement of this color would be **116, 134, 189**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **246, 226, 169**, and **134, 119, 67** is the 20% darker color. If you saturate the color by 10%, you get **189, 166, 97**, and if you desaturate by 10%, it is **189, 176, 135**.

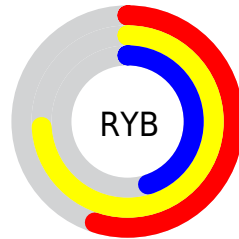
Distribution



Red (74%)

Green (67%)

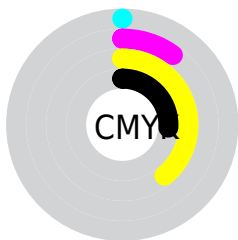
Blue (45%)



Red (55%)

Yellow (74%)

Blue (45%)

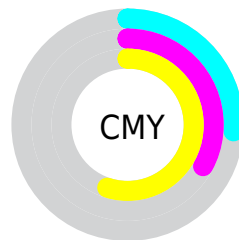


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 171, 116 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, 171, 116 by changing the saturation by 10% instead.

 189, 171, 116

255, 255, 255


 246, 226, 169


 255, 255, 196

 255, 255, 224

255, 255, 253

 189, 171, 116

 189, 171, 116

 161, 145, 91

 134, 119, 67

 108, 94, 44

 83, 71, 21

 59, 49, 0

 35, 28, 0

 0, 2, 0

 0, 0, 0

 189, 171, 116

189, 166, 97

189, 176, 135

189, 162, 78

189, 180, 154

189, 157, 59

189, 185, 173

189, 152, 40

189, 190, 192

189, 148, 21

189, 194, 211

189, 143, 3

189, 199, 229

189, 142, 0

189, 204, 248

189, 208, 255

189, 213, 255

Harmonies

Analogous

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



213, 162, 123



189, 171, 116



159, 179, 124

Triad

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



189, 171, 116



81, 186, 201



210, 155, 198

Complementary

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



189, 171, 116



116, 134, 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.



179, 164, 219



189, 171, 116



100, 182, 221

Square

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



189, 171, 116



96, 187, 174



139, 174, 227



226, 151, 170

Rectangle

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



189, 171, 116



137, 183, 137



139, 174, 227



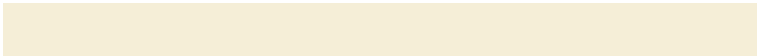
201, 158, 206

Sweetspot

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



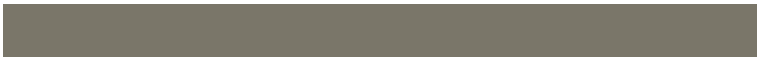
189, 171, 116



245, 238, 215



189, 116, 134



122, 118, 105



250, 250, 250



122, 122, 122

Same Dimension

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



189, 171, 116



245, 217, 132



171, 189, 116



94, 92, 85



158, 119, 0



31, 23, 0

Inverse Universe

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



116, 134, 189



132, 160, 245



134, 116, 189



85, 87, 94



0, 39, 158



0, 8, 31

Previews

White Background



This preview shows how the RGB color 189, 171, 116 looks on a white background.

Color Contrast Check

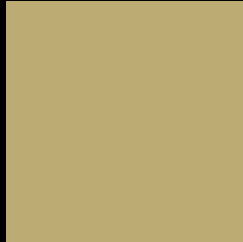
Large Text (above 18pt) WCAG AA × Fail

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, 171, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

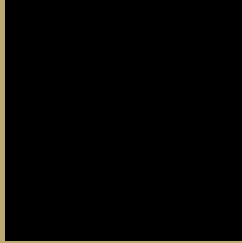
Any Text WCAG AA ✓ Pass

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, 171, 116 Background



This preview shows how black text looks on a background with the RGB color 189, 171, 116.



This preview shows how white text looks on a background with the RGB color 189, 171, 116.

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, 171, 116

Protanopia
186, 172, 116

Deuteranopia
206, 165, 117



Tritanopia
196, 163, 176

Trichromacy



Original Color
189, 171, 116

Protanomaly
187, 172, 116

Deuteranomaly
200, 167, 117

Tritanomaly
193, 166, 154

Monochromacy



Original Color
189, 171, 116

Achromatopsia
170, 170, 170

Achromatomaly
177, 170, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 171, 116 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, 171, 116)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 116)  
}
```

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, 171, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 116) }
```

Border

The CSS property to change the border of an element to RGB 189, 171, 116 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, 171, 116) }
```

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

```
.border{ border-color:rgb(189, 171, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 171, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 171, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 171, 116);  
box-shadow:4px 4px 4px 4px rgb(189, 171,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 189, 171, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 116) }
```

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

```
.background{ background-color: rgb(189,  
171, 116) }
```

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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