

Converting Colors

RGB(189, 181, 137)

Have a look what the booklet for
RGB(189, 181, 137) contains.

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Color

RGB(189, 181, 137)

Conversions

Conversions Part 1

Format	Color
Hex	BDB589
RGB	189, 181, 137
RGB Percent	74%, 71%, 54%
CMY	0.2588, 0.2902, 0.4627
CMYK	0.00, 0.04, 0.28, 0.26
HSL	51°, 28%, 64%
HSV	51°, 28%, 74%
XYZ	42.0255, 45.6727, 30.2676
YIQ	178.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

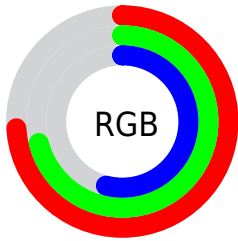
Format	Color
RYB	146, 189, 137
Decimal	12432777
CIELab	73.33, -4.14, 23.49
CIELCh	73, 23.856, 99.993
Yxy	45.6727, 0.3563, 0.3872
Android (android.graphics.Color)	4290622857 (0xFFBDB589)
YUV	178.3760, -20.3984, 9.3172
Hunter-Lab	67.5816, -7.2678, 20.7530

Details

The RGB color **189, 181, 137** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **137, 145, 189**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **246, 237, 191**, and **135, 128, 87** is the 20% darker color. If you saturate the color by 10%, you get **189, 178, 118**, and if you desaturate by 10%, it is **189, 184, 156**.

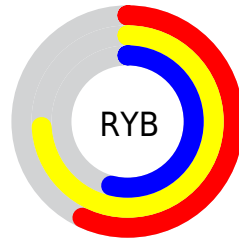
Distribution



Red (74%)

Green (71%)

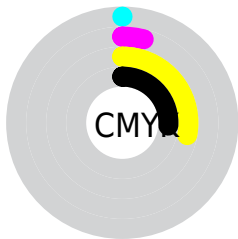
Blue (54%)



Red (57%)

Yellow (74%)

Blue (54%)

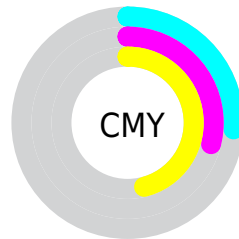


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 181, 137 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, 181, 137 by changing the saturation by 10% instead.

 189, 181, 137


255, 255, 255


 246, 237, 191

 255, 255, 219

 255, 255, 247

 189, 181, 137

 162, 154, 111


 135, 128, 87

 109, 103, 63

 84, 79, 41

 60, 57, 19

 39, 35, 0

 8, 14, 0

 0, 0, 0

 189, 181, 137


 189, 181, 137

 189, 178, 118

 189, 184, 156

 189, 175, 99

 189, 187, 175

 189, 172, 80

 189, 190, 194

 189, 169, 61

 189, 193, 213

 189, 166, 42

 189, 196, 232

 189, 164, 24

 189, 198, 250

 189, 161, 5

 189, 201, 255

 189, 160, 0

 189, 204, 255

 189, 207, 255

Harmonies

Analogous

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



210, 174, 140



189, 181, 137



164, 187, 146

Triad

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



189, 181, 137



119, 191, 207



214, 166, 196

Complementary

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



189, 181, 137



137, 145, 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.



193, 172, 214



189, 181, 137



136, 186, 221

Square

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



189, 181, 137



122, 193, 187



164, 180, 223



225, 164, 173

Rectangle

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



189, 181, 137



148, 190, 158



164, 180, 223



208, 168, 202

Sweetspot

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



189, 181, 137



245, 242, 225



189, 137, 146



122, 121, 110



250, 250, 250



122, 122, 122

Same Dimension

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



189, 181, 137



245, 232, 164



172, 189, 137



94, 93, 85



158, 134, 0



31, 26, 0

Inverse Universe

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



137, 145, 189



164, 176, 245



154, 137, 189



85, 86, 94



0, 24, 158



0, 5, 31

Previews

White Background



This preview shows how the RGB color 189, 181, 137 looks on a white background.

Color Contrast Check

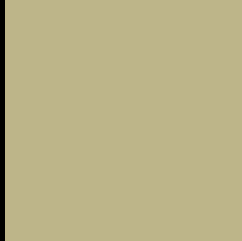
Large Text (above 18pt) WCAG AA × Fail

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, 181, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

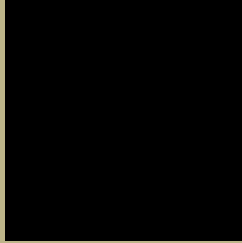
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

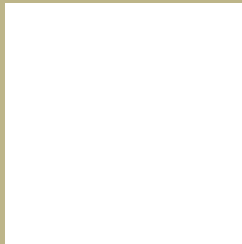
Any Text WCAG AAA ✓ Pass

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

RGB 189, 181, 137 Background



This preview shows how black text looks on a background with the RGB color 189, 181, 137.



This preview shows how white text looks on a background with the RGB color 189, 181, 137.

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, 181, 137

Protanopia
193, 180, 136

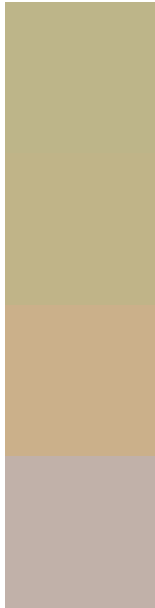
Deuteranopia
211, 173, 139



Tritanopia

195, 174, 188

Trichromacy



Original Color
189, 181, 137

Protanomaly
192, 180, 136

Deuteranomaly
203, 176, 138

Tritanomaly
193, 177, 169

Monochromacy



Original Color
189, 181, 137

Achromatopsia
178, 178, 178

Achromatomaly
182, 179, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 181, 137 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, 181, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 137)  
}
```

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, 181, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 137) }
```

Border

The CSS property to change the border of an element to RGB 189, 181, 137 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, 181, 137) }
```

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

```
.border{ border-color:rgb(189, 181, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 189, 181, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 137) }
```

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

```
.background{ background-color: rgb(189,  
181, 137) }
```

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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