

Converting Colors

RGB(189, 188, 161)

Have a look what the booklet for
RGB(189, 188, 161) contains.

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Color

RGB(189, 188, 161)

Conversions

Conversions Part 1

Format	Color
Hex	BDBCA1
RGB	189, 188, 161
RGB Percent	74%, 74%, 63%
CMY	0.2588, 0.2627, 0.3686
CMYK	0.00, 0.01, 0.15, 0.26
HSL	58°, 18%, 69%
HSV	58°, 15%, 74%
XYZ	45.4025, 49.3585, 40.8524
YIQ	185.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

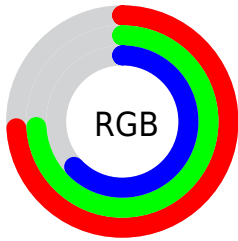
Format	Color
RYB	162, 189, 161
Decimal	12434593
CIELab	75.67, -4.29, 13.81
CIELCh	76, 14.459, 107.257
Yxy	49.3585, 0.3348, 0.3640
Android (android.graphics.Color)	4290624673 (0xFFBDBCA1)
YUV	185.2210, -11.9410, 3.3142
Hunter-Lab	70.2556, -7.5920, 14.7028

Details

The RGB color **189, 188, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **161, 162, 189**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **245, 244, 216**, and **136, 135, 109** is the 20% darker color. If you saturate the color by 10%, you get **189, 187, 142**, and if you desaturate by 10%, it is **189, 189, 180**.

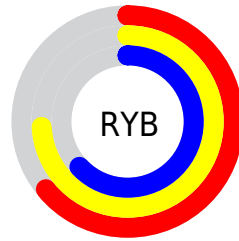
Distribution



Red (74%)

Green (74%)

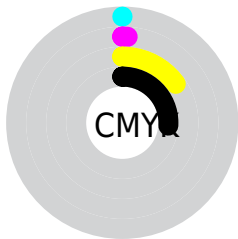
Blue (63%)



Red (64%)

Yellow (74%)

Blue (63%)

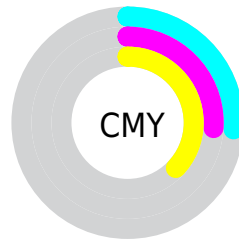


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 188, 161 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, 188, 161 by changing the saturation by 10% instead.


 189, 188, 161

255, 255, 255

 245, 244, 216

 255, 255, 244

 189, 188, 161


 162, 161, 135


 136, 135, 109

 110, 110, 85

 86, 85, 62

 62, 62, 40

 40, 40, 19

 19, 20, 0

 0, 0, 0


 189, 188, 161

 189, 188, 161


 189, 187, 142


 189, 189, 180

 189, 187, 123


 189, 189, 199

 189, 186, 104

 189, 190, 218


 189, 185, 85


 189, 191, 237

 189, 185, 66


 189, 191, 255

 189, 184, 48

 189, 192, 255

 189, 183, 29

 189, 193, 255

 189, 183, 10

 189, 193, 255

 189, 182, 0

 189, 194, 255

Harmonies

Analogous

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



203, 184, 161



189, 188, 161



174, 192, 168

Triad

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



189, 188, 161



154, 193, 206



210, 178, 193

Complementary

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



189, 188, 161



161, 162, 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.



198, 181, 205



189, 188, 161



165, 189, 212

Square

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



189, 188, 161



153, 194, 194



182, 185, 212



215, 178, 179

Rectangle

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



189, 188, 161



164, 193, 176



182, 185, 212



207, 179, 197

Sweetspot

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



189, 188, 161



245, 244, 235



189, 161, 162



122, 122, 116



250, 250, 250



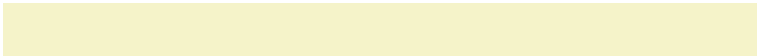
122, 122, 122

Same Dimension

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



189, 188, 161



245, 243, 201



176, 189, 161



94, 94, 85



158, 152, 0



31, 30, 0

Inverse Universe

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



161, 162, 189



201, 202, 245



174, 161, 189



85, 85, 94



0, 6, 158



0, 1, 31

Previews

White Background



This preview shows how the RGB color 189, 188, 161 looks on a white background.

Color Contrast Check

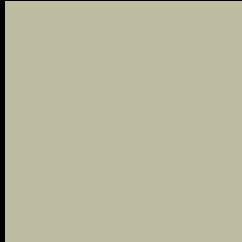
Large Text (above 18pt) WCAG AA × Fail

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, 188, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

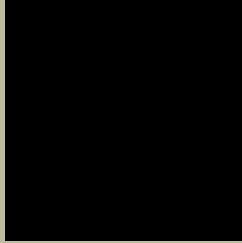
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

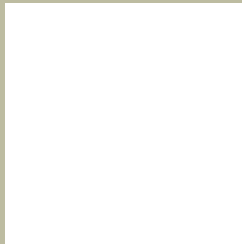
Any Text WCAG AAA ✓ Pass

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

RGB 189, 188, 161 Background



This preview shows how black text looks on a background with the RGB color 189, 188, 161.



This preview shows how white text looks on a background with the RGB color 189, 188, 161.

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, 188, 161

Protanopia
196, 186, 160

Deuteranopia
213, 179, 163



Tritanopia
194, 183, 197

Trichromacy



Original Color

189, 188, 161

Protanomaly

193, 187, 160

Deuteranomaly

204, 182, 162

Tritanomaly

192, 185, 184

Monochromacy



Original Color

189, 188, 161

Achromatopsia

185, 185, 185

Achromatomaly

186, 186, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 188, 161 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, 188, 161) looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 161)  
}
```

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, 188, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 161) }
```

Border

The CSS property to change the border of an element to RGB 189, 188, 161 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, 188, 161) }
```

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

```
.border{ border-color:rgb(189, 188, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 189, 188, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 161) }
```

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

```
.background{ background-color: rgb(189,  
188, 161) }
```

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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