

Converting Colors

RGB(189, 172, 134)

Have a look what the booklet for
RGB(189, 172, 134) contains.

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Color

RGB(189, 172, 134)

Conversions

Conversions Part 1

Format	Color
Hex	BDAC86
RGB	189, 172, 134
RGB Percent	74%, 67%, 53%
CMY	0.2588, 0.3255, 0.4745
CMYK	0.00, 0.09, 0.29, 0.26
HSL	41°, 29%, 63%
HSV	41°, 29%, 74%
XYZ	40.0419, 42.0451, 28.5593
YIQ	172.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

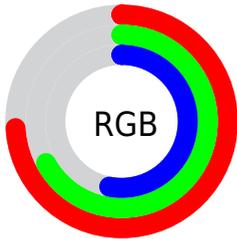
Format	Color
RYB	159, 189, 134
Decimal	12430470
CIELab	70.90, 0.25, 21.81
CIELCh	71, 21.808, 89.350
Yxy	42.0451, 0.3619, 0.3800
Android (android.graphics.Color)	4290620550 (0xFFBDAC86)
YUV	172.7510, -19.1042, 14.2504
Hunter-Lab	64.8422, -3.2451, 19.2756

Details

The RGB color **189, 172, 134** is a light color, and the websafe version is hex **999966**. A complement of this color would be **134, 151, 189**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **246, 227, 187**, and **135, 120, 84** is the 20% darker color. If you saturate the color by 10%, you get **189, 166, 115**, and if you desaturate by 10%, it is **189, 178, 153**.

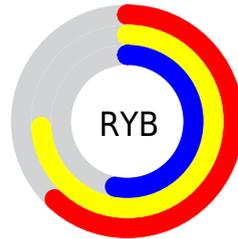
Distribution



Red (74%)

Green (67%)

Blue (53%)



Red (62%)

Yellow (74%)

Blue (53%)

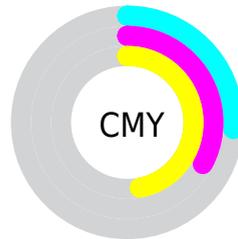


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 172, 134 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, 172, 134 by changing the saturation by 10% instead.

 189, 172, 134

255, 255, 255

 246, 227, 187

 255, 255, 215

 255, 255, 244

 189, 172, 134

 162, 146, 109

 135, 120, 84

 109, 95, 61

 84, 72, 38

 60, 49, 17

 38, 28, 0

 6, 3, 0

 0, 0, 0

 189, 172, 134

 189, 172, 134

 189, 166, 115

 189, 178, 153

 189, 160, 96

 189, 184, 172

 189, 154, 77

 189, 190, 191

 189, 149, 58

 189, 195, 210

 189, 143, 39

 189, 201, 229

 189, 137, 21

 189, 207, 247

 189, 131, 2

 189, 213, 255

 189, 131, 0

 189, 219, 255

 189, 225, 255

Harmonies

Analogous

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



206, 165, 140



189, 172, 134



168, 178, 139

Triad

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



189, 172, 134



118, 184, 192



199, 163, 194

Complementary

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



189, 172, 134



134, 151, 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.



176, 169, 208



189, 172, 134



127, 181, 207

Square

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



189, 172, 134



126, 185, 172



150, 175, 213



212, 159, 175

Rectangle

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



189, 172, 134



152, 181, 147



150, 175, 213



192, 164, 200

Sweetspot

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



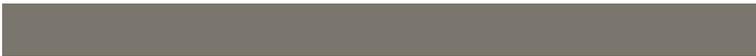
189, 172, 134



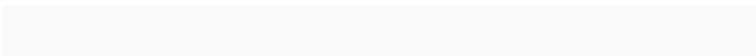
245, 238, 223



189, 134, 151



122, 118, 109



250, 250, 250



122, 122, 122

Same Dimension

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



189, 172, 134



245, 218, 159



179, 189, 134



94, 91, 85



158, 109, 0



31, 21, 0

Inverse Universe

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



134, 151, 189



159, 186, 245



144, 134, 189



85, 88, 94



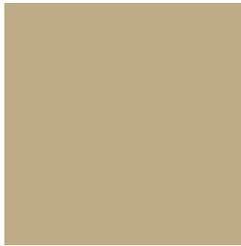
0, 49, 158



0, 9, 31

Previews

White Background



This preview shows how the RGB color 189, 172, 134 looks on a white background.

Color Contrast Check

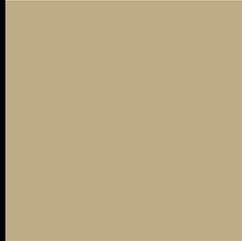
Large Text (above 18pt) WCAG AA × Fail

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, 172, 134 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

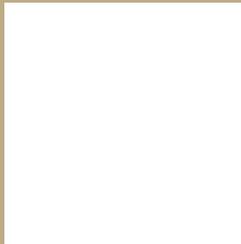
Any Text WCAG AAA ✓ Pass

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

RGB 189, 172, 134 Background



This preview shows how black text looks on a background with the RGB color 189, 172, 134.



This preview shows how white text looks on a background with the RGB color 189, 172, 134.

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, 172, 134

Protanopia
185, 173, 135

Deuteranopia
203, 167, 135



Tritanopia
194, 166, 179

Trichromacy



Original Color

189, 172, 134

Protanomaly

186, 173, 135

Deuteranomaly

198, 169, 135

Tritanomaly

192, 168, 163

Monochromacy



Original Color

189, 172, 134

Achromatopsia

173, 173, 173

Achromatomaly

179, 173, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 172, 134 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, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 134)  
}
```

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, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 134) }
```

Border

The CSS property to change the border of an element to RGB 189, 172, 134 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, 172, 134) }
```

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

```
.border{ border-color:rgb(189, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 189, 172, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 134) }
```

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

```
.background{ background-color: rgb(189,  
172, 134) }
```

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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