

# Converting Colors

RGB(188, 168, 142)

Have a look what the booklet for  
RGB(188, 168, 142) contains.

<b>RGB(188, 168, 142)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(188, 168, 142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA88E
RGB	188, 168, 142
RGB Percent	74%, 66%, 56%
CMY	0.2627, 0.3412, 0.4431
CMYK	0.00, 0.11, 0.24, 0.26
HSL	34°, 26%, 65%
HSV	34°, 24%, 74%
XYZ	39.6242, 40.6496, 31.3489
YIQ	171.0160, 20.2660, -3.8460

# Conversions

## Conversions Part 2

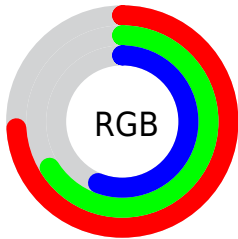
Format	Color
<b>RYB</b>	177, 188, 142
Decimal	12363918
CIELab	69.93, 3.13, 16.09
CIELCh	70, 16.392, 78.991
Yxy	40.6496, 0.3550, 0.3642
Android (android.graphics.Color)	4290553998 (0xFFBCA88E)
YUV	171.0160, -14.3049, 14.8950
Hunter-Lab	63.7571, -0.6395, 15.4774

# Details

The RGB color **188, 168, 142** is a light color, and the websafe version is hex **999966**. A complement of this color would be **142, 162, 188**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **245, 223, 196**, and **134, 116, 92** is the 20% darker color. If you saturate the color by 10%, you get **188, 160, 123**, and if you desaturate by 10%, it is **188, 176, 161**.

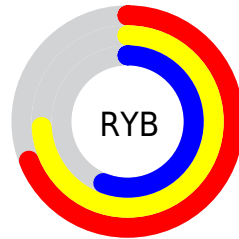
# Distribution



Red (74%)

Green (66%)

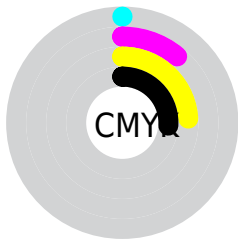
Blue (56%)



Red (69%)

Yellow (74%)

Blue (56%)

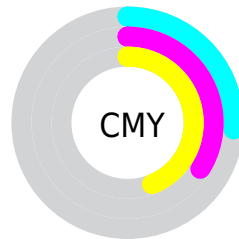


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 188, 168, 142 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 188, 168, 142 by changing the saturation by 10% instead.



 188, 168, 142

 188, 168, 142

255, 255, 255

 161, 142, 116

 245, 223, 196

 134, 116, 92

 255, 252, 224

 108, 92, 68

 255, 255, 252

 84, 68, 46

 60, 46, 25

 39, 25, 0


 7, 0, 0


 0, 0, 0


 188, 168, 142


 188, 168, 142


 188, 160, 123


 188, 176, 161

 188, 152, 104


 188, 184, 180

 188, 143, 86


 188, 193, 198

 188, 135, 67


 188, 201, 217

 188, 127, 48

 188, 209, 236

 188, 119, 29

 188, 217, 255

 188, 111, 10

 188, 225, 255

 188, 106, 0

 188, 233, 255

 188, 242, 255

# Harmonies

## Analogous

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



199, 163, 149



188, 168, 142



173, 173, 143

# Triad

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



188, 168, 142



132, 180, 180



185, 164, 191

# Complementary

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



188, 168, 142



142, 162, 188

# 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.



167, 169, 199



188, 168, 142



135, 178, 193

# Square

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



188, 168, 142



140, 179, 165



148, 174, 200



198, 161, 177

# Rectangle

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



188, 168, 142



161, 176, 148



148, 174, 200



179, 166, 194

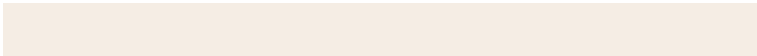


# Sweetspot

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



188, 168, 142



245, 237, 228



188, 142, 163



122, 118, 113



250, 250, 250



122, 122, 122



# Same Dimension

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



188, 168, 142



245, 214, 174



186, 188, 142



94, 90, 85



158, 89, 0



31, 17, 0



# Inverse Universe

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



142, 162, 188



174, 205, 245



144, 142, 188



85, 89, 94



0, 69, 158



0, 13, 31



# Previews

## White Background



This preview shows how the RGB color 188, 168, 142 looks on a white background.

## Color Contrast Check

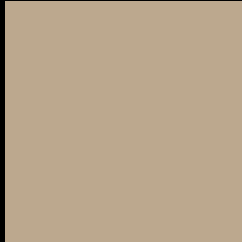
Large Text (above 18pt) WCAG AA × Fail

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 188, 168, 142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

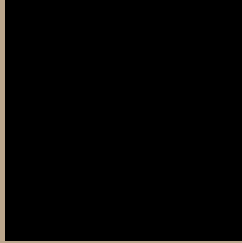
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

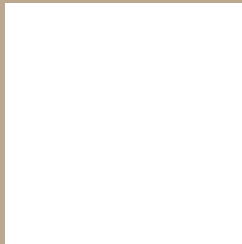
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 188, 168, 142 Background



This preview shows how black text looks on a background with the RGB color 188, 168, 142.



This preview shows how white text looks on a background with the RGB color 188, 168, 142.

# 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**  
188, 168, 142

**Protanopia**  
180, 171, 143

**Deuteranopia**  
197, 164, 143



# Tritanopia

192, 163, 176

# Trichromacy



**Original Color**  
188, 168, 142

**Protanomaly**  
183, 170, 143

**Deuteranomaly**  
194, 165, 143

**Tritanomaly**  
191, 165, 164

# Monochromacy



**Original Color**  
188, 168, 142

**Achromatopsia**  
171, 171, 171

**Achromatomaly**  
177, 170, 160

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 188, 168, 142 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(188, 168, 142) looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 142)  
}
```

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(188, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 142) }
```

## Border

The CSS property to change the border of an element to RGB 188, 168, 142 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(188, 168, 142) }
```

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

```
.border{ border-color:rgb(188, 168, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
142) }
```

# Background

The CSS property to change the background color of an element to RGB 188, 168, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 142) }
```

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

```
.background{ background-color: rgb(188,  
168, 142) }
```

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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