

Converting Colors

RGB(189, 122, 102)

Have a look what the booklet for
RGB(189, 122, 102) contains.

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Color

RGB(189, 122, 102)

Conversions

Conversions Part 1

Format	Color
Hex	BD7A66
RGB	189, 122, 102
RGB Percent	74%, 48%, 40%
CMY	0.2588, 0.5216, 0.6000
CMYK	0.00, 0.35, 0.46, 0.26
HSL	14°, 40%, 57%
HSV	14°, 46%, 74%
XYZ	30.3441, 25.6972, 15.9311
YIQ	139.7530, 46.3520, 7.9840

Conversions

Conversions Part 2

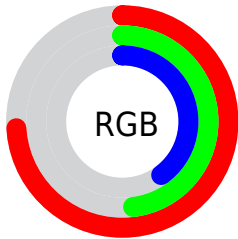
Format	Color
R_{YB}	189, 128, 102
Decimal	12417638
CIE Lab	57.75, 23.85, 21.76
CIE LCh	58, 32.286, 42.385
Yxy	25.6972, 0.4216, 0.3570
Android (android.graphics.Color)	4290607718 (0xFFBD7A66)
YUV	139.7530, -18.6122, 43.1896
Hunter-Lab	50.6924, 18.1370, 16.8516

Details

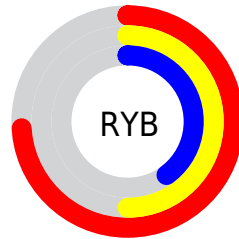
The RGB color **189, 122, 102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 169, 189**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **247, 175, 153**, and **133, 72, 55** is the 20% darker color. If you saturate the color by 10%, you get **189, 107, 83**, and if you desaturate by 10%, it is **189, 137, 121**.

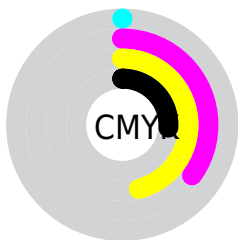
Distribution



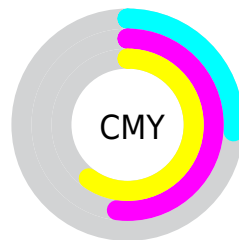
- Red (74%)
- Green (48%)
- Blue (40%)



- Red (74%)
- Yellow (50%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 122, 102 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, 122, 102 by changing the saturation by 10% instead.

 189, 122, 102

255, 255, 255


 247, 175, 153

 255, 203, 180

 255, 231, 208

 255, 255, 236

 189, 122, 102

 161, 97, 78

 133, 72, 55

 106, 49, 33

 79, 27, 12

 54, 4, 0


 27, 0, 1

 0, 0, 0

 189, 122, 102

 189, 107, 83

 189, 122, 102

 189, 137, 121

 189, 93, 64

 189, 151, 140

 189, 78, 45

 189, 166, 159

 189, 64, 26

 189, 180, 178

 189, 49, 8

 189, 195, 197

 189, 43, 0

 189, 209, 215

 189, 224, 234

 189, 238, 253

 189, 253, 255

Harmonies

Analogous

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



194, 117, 128



189, 122, 102



172, 131, 85

Triad

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



189, 122, 102



79, 153, 121



117, 137, 194

Complementary

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



189, 122, 102



102, 169, 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.



68, 146, 192



189, 122, 102



39, 154, 150

Square

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



189, 122, 102



115, 148, 96



21, 152, 176



157, 127, 181

Rectangle

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



189, 122, 102



155, 138, 82



21, 152, 176



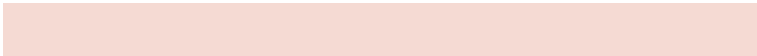
102, 141, 195

Sweetspot

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



189, 122, 102



245, 218, 211



189, 102, 170



122, 106, 102



250, 250, 250



122, 122, 122

Same Dimension

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



189, 122, 102



245, 141, 110



189, 164, 102



94, 87, 85



158, 36, 0



31, 7, 0

Inverse Universe

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



102, 169, 189



110, 214, 245



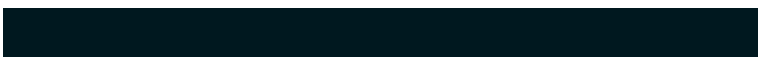
102, 127, 189



85, 92, 94



0, 122, 158



0, 24, 31

Previews

White Background



This preview shows how the RGB color 189, 122, 102 looks on a white background.

Color Contrast Check

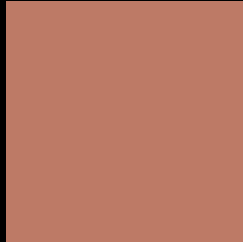
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

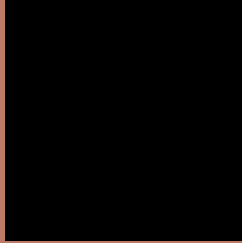
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 189, 122, 102 Background



This preview shows how black text looks on a background with the RGB color 189, 122, 102.



This preview shows how white text looks on a background with the RGB color 189, 122, 102.

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, 122, 102

Protanopia
148, 139, 110

Deuteranopia
165, 133, 100



Tritanopia
191, 118, 127

Trichromacy



Original Color

189, 122, 102

Protanomaly

163, 133, 107

Deuteranomaly

174, 129, 101

Tritanomaly

190, 119, 118

Monochromacy



Original Color

189, 122, 102

Achromatopsia

140, 140, 140

Achromatomaly

158, 133, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 122, 102 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, 122, 102)` looks like.

```
.text, #text, p{  
    color:rgb(189, 122, 102)  
}
```

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, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 122, 102) }
```

Border

The CSS property to change the border of an element to RGB 189, 122, 102 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, 122, 102) }
```

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

```
.border{ border-color:rgb(189, 122, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 122, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(189, 122,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 189, 122, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 122, 102) }
```

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

```
.background{ background-color: rgb(189,  
122, 102) }
```

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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