Converting Colors

RGB(216, 196, 174)

Have a look what the booklet for RGB(216, 196, 174) contains.

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Color

RGB(216, 196, 174)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4AE
RGB	216, 196, 174
RGB Percent	85%, 77%, 68%
CMY	0.1529, 0.2314, 0.3176
CMYK	0.00, 0.09, 0.19, 0.15
HSL	31°, 35%, 76%
HSV	31°, 19%, 85%
XYZ	55.6988, 57.1348, 48.1369
YIQ	199.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

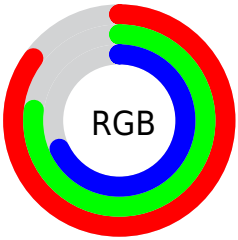
Format	Color
RYB	212, 216, 174
Decimal	14206126
CIELab	80.26, 3.52, 13.60
CIELCh	80, 14.046, 75.487
Yxy	57.1348, 0.3460, 0.3549
Android (android.graphics.Color)	4292396206 (0xFFD8C4AE)
YUV	199.4720, -12.5577, 14.4951
Hunter-Lab	75.5876, -0.7455, 15.1533

Details

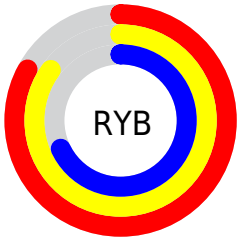
The RGB color 216, 196, 174 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 174, 194, 216, and the grayscale version is 200, 200, 200.

A 20% lighter version of the original color is 255, 253, 230, and 161, 142, 122 is the 20% darker color. If you saturate the color by 10%, you get 216, 186, 152, and if you desaturate by 10%, it is 216, 206, 196.

Distribution

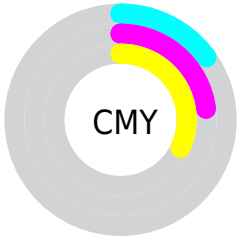


- Red (85%)
- Green (77%)
- Blue (68%)



- Red (83%)
- Yellow (85%)
- Blue (68%)

- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 196, 174 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 216, 196, 174 by changing the saturation by 10% instead.

216, 196, 174	216, 196, 174
255, 255, 255	188, 169, 147
255, 253, 230	161, 142, 122
	134, 117, 97
	109, 92, 73
	84, 69, 50
	60, 47, 29
	39, 26, 4
	11, 0, 0
	0, 0, 0

216, 196, 174	216, 196, 174
216, 186, 152	216, 206, 196
216, 175, 131	216, 217, 217
216, 165, 109	216, 227, 239
216, 155, 88	216, 237, 255
216, 145, 66	216, 247, 255
216, 134, 44	216, 255, 255
216, 124, 23	
216, 114, 1	
216, 113, 0	

Harmonies

Analogous

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

225, 192, 181

216, 196, 174

203, 200, 174

Triad

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

216, 196, 174

166, 207, 206

210, 194, 218

Complementary

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

216, 196, 174

174, 194, 216

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.

194, 198, 224

216, 196, 174

168, 205, 217

Square

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

216, 196, 174

174, 206, 192

178, 202, 224

222, 191, 206

Rectangle

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

216, 196, 174

192, 203, 178

178, 202, 224

205, 195, 220

Sweetspot

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

216, 196, 174

255, 248, 240

216, 174, 194

128, 123, 119

0, 0, 0

128, 128, 128

Same Dimension

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

216, 196, 174

255, 227, 196

215, 216, 174

107, 102, 96

171, 89, 0

43, 23, 0

Inverse Universe

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

174, 194, 216

196, 224, 255

175, 174, 216

96, 101, 107

0, 81, 171

0, 21, 43

Previews

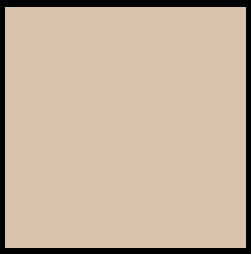
White Background

This preview shows how the RGB color 216, 196, 174 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



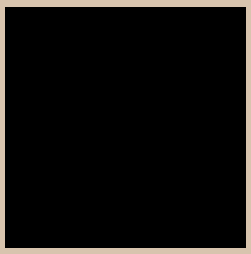
This preview shows how the RGB color 216, 196, 174 looks on a black background.

Color Contrast Check

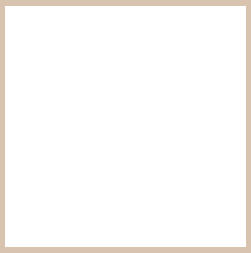
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 216, 196, 174 Background



This preview shows how black text looks on a background with the RGB color 216, 196, 174.



This preview shows how white text looks on a background with the RGB color 216, 196, 174.

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

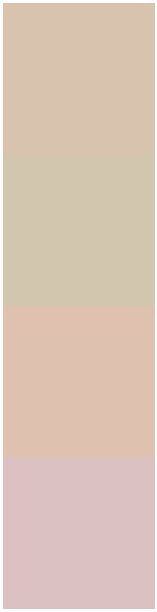
Original Color
216, 196, 174

Protanopia
208, 199, 175

Deuteranopia
227, 192, 175

Tritanopia
220, 191, 206

Trichromacy



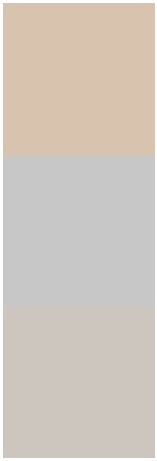
Original Color
216, 196, 174

Protanomaly
211, 198, 175

Deuteranomaly
223, 193, 175

Tritanomaly
219, 193, 194

Monochromacy



Original Color
216, 196, 174

Achromatopsia
199, 199, 199

Achromatomaly
205, 198, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 196, 174 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(216, 196, 174) looks like.

```
.text, #text, p{
    color:rgb(216, 196, 174)
}
```

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(216, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 174) }
```

Border

The CSS property to change the border of an element to RGB 216, 196, 174 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(216, 196, 174) }
```

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

```
.border{ border-color:rgb(216, 196, 174) }
```

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

Here you see how a box with a 4 pixel rgb(216, 196, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 196, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 196, 174); box-shadow:4px 4px 4px 4px rgb(216, 196, 174) }
```

Background

The CSS property to change the background color of an element to RGB 216, 196, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(216, 196, 174) }
```

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

```
.background{ background-color:rgb(216,
196, 174) }
```

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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