

Converting Colors

RGB(216, 199, 163)

Have a look what the booklet for
RGB(216, 199, 163) contains.

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Color

RGB(216, 199, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D8C7A3
RGB	216, 199, 163
RGB Percent	85%, 78%, 64%
CMY	0.1529, 0.2196, 0.3608
CMYK	0.00, 0.08, 0.25, 0.15
HSL	41°, 40%, 74%
HSV	41°, 25%, 85%
XYZ	55.3532, 58.0901, 42.9454
YIQ	199.9790, 21.6880, -7.5920

Conversions

Conversions Part 2

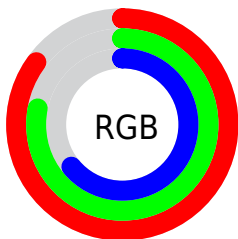
Format	Color
RYB	188, 216, 163
Decimal	14206883
CIELab	80.79, 0.35, 20.20
CIELCh	81, 20.208, 88.999
Yxy	58.0901, 0.3539, 0.3714
Android (android.graphics.Color)	4292396963 (0xFFD8C7A3)
YUV	199.9790, -18.2306, 14.0504
Hunter-Lab	76.2169, -3.7423, 19.9441

Details

The RGB color **216, 199, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 180, 216**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 255, 218**, and **161, 145, 111** is the 20% darker color. If you saturate the color by 10%, you get **216, 192, 141**, and if you desaturate by 10%, it is **216, 206, 185**.

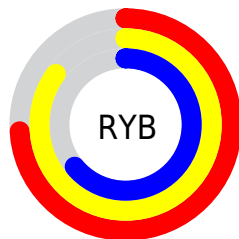
Distribution



Red (85%)

Green (78%)

Blue (64%)



Red (74%)

Yellow (85%)

Blue (64%)

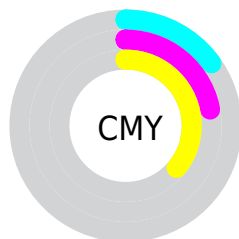


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 199, 163 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, 199, 163 by changing the saturation by 10% instead.

 216, 199, 163


255, 255, 255

 255, 255, 218

 255, 255, 247

 216, 199, 163

 188, 172, 137

 161, 145, 111

 134, 120, 87

 108, 95, 63

 83, 71, 41

 59, 49, 20

 38, 28, 0

 5, 2, 0

 0, 0, 0

 216, 199, 163


 216, 199, 163

 216, 192, 141

 216, 206, 185

 216, 185, 120


 216, 213, 206

 216, 178, 98


 216, 220, 228

 216, 171, 77


 216, 227, 249

 216, 164, 55

 216, 234, 255

 216, 157, 33

 216, 241, 255

 216, 151, 12

 216, 247, 255

 216, 147, 0

 216, 254, 255

 216, 255, 255

Harmonies

Analogous

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



232, 193, 169



216, 199, 163



195, 205, 167

Triad

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



216, 199, 163



150, 211, 218



225, 190, 220

Complementary

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



216, 199, 163



163, 180, 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.



203, 196, 233



216, 199, 163



158, 208, 232

Square

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



216, 199, 163



157, 211, 199



178, 202, 238



238, 187, 202

Rectangle

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



216, 199, 163



181, 208, 175



178, 202, 238



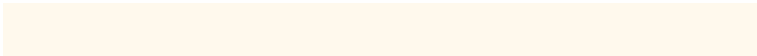
218, 192, 225

Sweetspot

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



216, 199, 163



255, 249, 237



216, 163, 181



128, 124, 117



0, 0, 0



128, 128, 128

Same Dimension

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



216, 199, 163



255, 231, 181



207, 216, 163



107, 104, 96



171, 116, 0



43, 29, 0

Inverse Universe

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



163, 180, 216



181, 205, 255



172, 163, 216



96, 100, 107



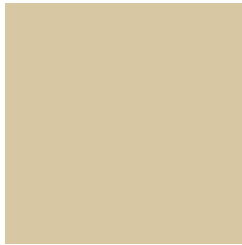
0, 55, 171



0, 14, 43

Previews

White Background



This preview shows how the RGB color 216, 199, 163 looks on a white background.

Color Contrast Check

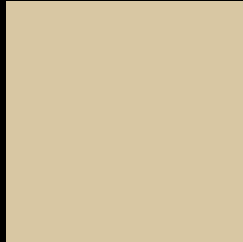
Large Text (above 18pt) WCAG AA × Fail

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, 199, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

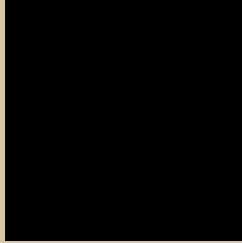
Any Text WCAG AA ✓ Pass

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, 199, 163 Background



This preview shows how black text looks on a background with the RGB color 216, 199, 163.



This preview shows how white text looks on a background with the RGB color 216, 199, 163.

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, 199, 163

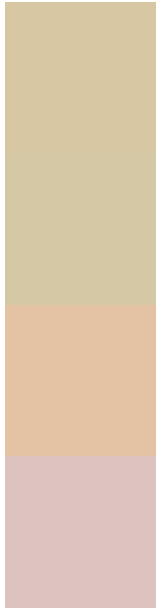
Protanopia
212, 200, 164

Deuteranopia
233, 193, 164



Tritanopia
222, 193, 208

Trichromacy



Original Color

216, 199, 163

Protanomaly

213, 200, 164

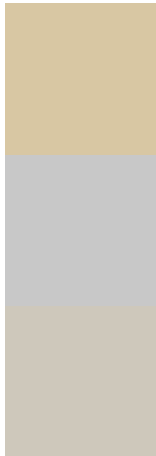
Deuteranomaly

227, 195, 164

Tritanomaly

220, 195, 192

Monochromacy



Original Color

216, 199, 163

Achromatopsia

200, 200, 200

Achromatomaly

206, 200, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 199, 163 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, 199, 163)` looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 163)  
}
```

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, 199, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 163) }
```

Border

The CSS property to change the border of an element to RGB 216, 199, 163 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, 199, 163) }
```

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

```
.border{ border-color:rgb(216, 199, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 199, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 199, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 199, 163);  
box-shadow:4px 4px 4px 4px rgb(216, 199,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 216, 199, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 163) }
```

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

```
.background{ background-color: rgb(216,  
199, 163) }
```

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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