

Converting Colors

RGB(216, 197, 131)

Have a look what the booklet for
RGB(216, 197, 131) contains.

RGB(216, 197, 131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(216, 197, 131)

Conversions

Conversions Part 1

Format	Color
Hex	D8C583
RGB	216, 197, 131
RGB Percent	85%, 77%, 51%
CMY	0.1529, 0.2275, 0.4863
CMYK	0.00, 0.09, 0.39, 0.15
HSL	47°, 52%, 68%
HSV	47°, 39%, 85%
XYZ	52.3819, 56.1701, 29.5538
YIQ	195.1570, 32.5100, -16.4980

Conversions

Conversions Part 2

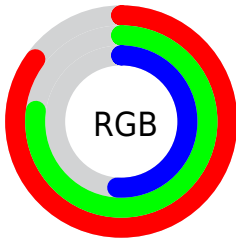
Format	Color
RYB	155, 216, 131
Decimal	14206339
CIELab	79.71, -2.61, 35.52
CIELCh	80, 35.620, 94.199
Yxy	56.1701, 0.3793, 0.4067
Android (android.graphics.Color)	4292396419 (0xFFD8C583)
YUV	195.1570, -31.6294, 18.2793
Hunter-Lab	74.9467, -6.3993, 29.0828

Details

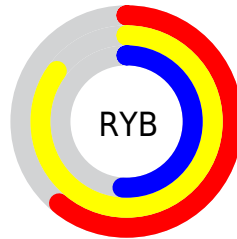
The RGB color **216, 197, 131** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **131, 150, 216**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 254, 185**, and **160, 143, 80** is the 20% darker color. If you saturate the color by 10%, you get **216, 192, 109**, and if you desaturate by 10%, it is **216, 202, 153**.

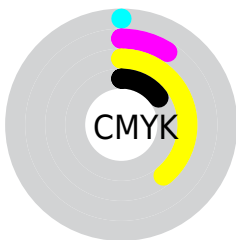
Distribution



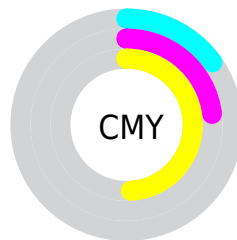
- Red (85%)
- Green (77%)
- Blue (51%)



- Red (61%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 197, 131 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, 197, 131 by changing the saturation by 10% instead.


 216, 197, 131


255, 255, 255

 255, 254, 185


 255, 255, 213

 255, 255, 241


 216, 197, 131

 188, 170, 105

 160, 143, 80

 133, 118, 56

 106, 93, 33

 81, 70, 8

 57, 48, 0

 32, 27, 0

 0, 0, 0

 216, 197, 131

 216, 197, 131

■ 216, 192, 109

■ 216, 202, 153

■ 216, 187, 88

■ 216, 207, 174

■ 216, 183, 66

■ 216, 211, 196

■ 216, 178, 45

■ 216, 216, 217

■ 216, 173, 23

■ 216, 221, 239

■ 216, 168, 1

■ 216, 226, 255

■ 216, 168, 0

■ 216, 231, 255

■ 216, 236, 255

■ 216, 240, 255

Harmonies

Analogous

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



245, 186, 139



216, 197, 131



180, 207, 142

Triad

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



216, 197, 131



85, 214, 234



244, 177, 227

Complementary

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



216, 197, 131



131, 150, 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.



208, 187, 253



216, 197, 131



111, 209, 255

Square

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



216, 197, 131



104, 216, 201



160, 199, 255



255, 172, 194

Rectangle

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



216, 197, 131



154, 211, 158



160, 199, 255



234, 180, 237

Sweetspot

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



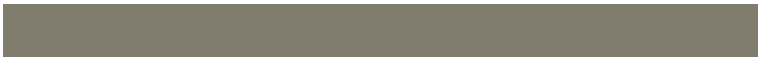
216, 197, 131



255, 248, 224



216, 131, 151



128, 124, 110



0, 0, 0



128, 128, 128

Same Dimension

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



216, 197, 131



255, 228, 135



193, 216, 131



107, 105, 96



171, 133, 0



43, 34, 0

Inverse Universe

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



131, 150, 216



135, 162, 255



154, 131, 216



96, 99, 107



0, 38, 171



0, 10, 43

Previews

White Background



This preview shows how the RGB color 216, 197, 131 looks on a white background.

Color Contrast Check

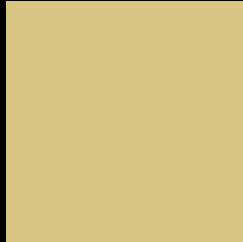
Large Text (above 18pt) WCAG AA × Fail

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, 197, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

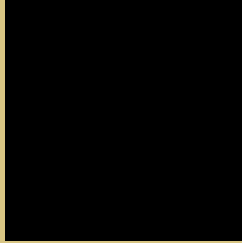
Any Text WCAG AA ✓ Pass

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, 197, 131 Background



This preview shows how black text looks on a background with the RGB color 216, 197, 131.

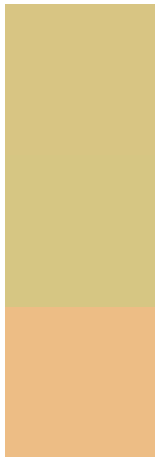


This preview shows how white text looks on a background with the RGB color 216, 197, 131.

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, 197, 131

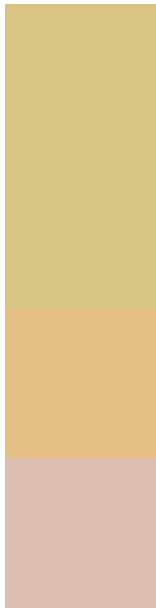
Protanopia
214, 198, 131

Deuteranopia
237, 189, 133



Tritanopia
224, 188, 203

Trichromacy



Original Color
216, 197, 131

Protanomaly
215, 198, 131

Deuteranomaly
229, 192, 132

Tritanomaly
221, 191, 177

Monochromacy



Original Color
216, 197, 131

Achromatopsia
195, 195, 195

Achromatomaly
203, 196, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 197, 131 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, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 131)  
}
```

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, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 131) }
```

Border

The CSS property to change the border of an element to RGB 216, 197, 131 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, 197, 131) }
```

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

```
.border{ border-color:rgb(216, 197, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 197, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 197, 131); box-shadow:4px 4px 4px 4px rgb(216, 197, 131) }
```

Background

The CSS property to change the background color of an element to RGB 216, 197, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 131) }
```

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

```
.background{ background-color: rgb(216,  
197, 131) }
```

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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