

Converting Colors

RGB(217, 189, 121)

Have a look what the booklet for
RGB(217, 189, 121) contains.

RGB(217, 189, 121)	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(217, 189, 121)

Conversions

Conversions Part 1

Format	Color
Hex	D9BD79
RGB	217, 189, 121
RGB Percent	85%, 74%, 47%
CMY	0.1490, 0.2588, 0.5255
CMYK	0.00, 0.13, 0.44, 0.15
HSL	43°, 56%, 66%
HSV	43°, 44%, 85%
XYZ	50.2641, 52.5274, 25.5788
YIQ	189.6200, 38.5160, -15.2120

Conversions

Conversions Part 2

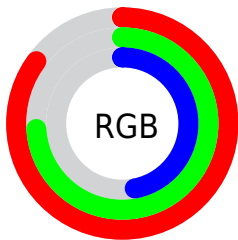
Format	Color
RYB	161, 217, 121
Decimal	14269817
CIELab	77.60, 0.91, 37.96
CIELCh	78, 37.976, 88.628
Yxy	52.5274, 0.3916, 0.4092
Android (android.graphics.Color)	4292459897 (0xFFD9BD79)
YUV	189.6200, -33.8297, 24.0123
Hunter-Lab	72.4758, -3.0377, 29.8079

Details

The RGB color **217, 189, 121** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **121, 149, 217**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 245, 174**, and **160, 136, 71** is the 20% darker color. If you saturate the color by 10%, you get **217, 183, 99**, and if you desaturate by 10%, it is **217, 195, 143**.

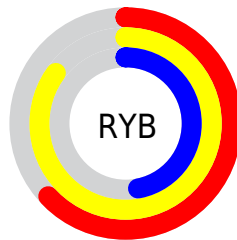
Distribution



Red (85%)

Green (74%)

Blue (47%)



Red (63%)

Yellow (85%)

Blue (47%)

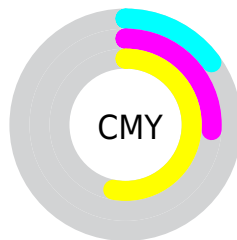


Cyan (0%)

Magenta (13%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 189, 121 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 217, 189, 121 by changing the saturation by 10% instead.

 217, 189, 121


255, 255, 255

 255, 245, 174

 255, 255, 202

 255, 255, 230

 217, 189, 121

 188, 162, 96

 160, 136, 71

 133, 111, 47

 106, 86, 23

 80, 63, 0

 56, 42, 0

 31, 22, 0

 0, 0, 0

 217, 189, 121

 217, 189, 121

■ 217, 183, 99

■ 217, 195, 143

■ 217, 176, 78

■ 217, 202, 164

■ 217, 170, 56

■ 217, 208, 186

■ 217, 164, 34

■ 217, 214, 208

■ 217, 157, 13

■ 217, 221, 229

■ 217, 154, 0

■ 217, 227, 251

■ 217, 233, 255

■ 217, 240, 255

■ 217, 246, 255

Harmonies

Analogous

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



245, 177, 133



217, 189, 121



180, 200, 129

Triad

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



217, 189, 121



62, 210, 224



235, 171, 229

Complementary

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



217, 189, 121



121, 149, 217

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, 183, 253



217, 189, 121



85, 205, 251

Square

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



217, 189, 121



95, 211, 189



140, 196, 255



255, 165, 195

Rectangle

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



217, 189, 121



153, 205, 144



140, 196, 255



223, 175, 239

Sweetspot

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



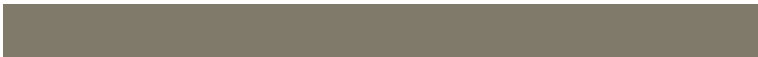
217, 189, 121



255, 245, 222



217, 121, 150



128, 122, 107



0, 0, 0



128, 128, 128

Same Dimension

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



217, 189, 121



255, 216, 120



198, 217, 121



110, 106, 99



173, 123, 0



46, 33, 0

Inverse Universe

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



121, 149, 217



120, 159, 255



140, 121, 217



99, 102, 110



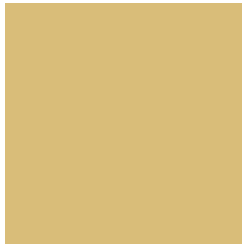
0, 51, 173



0, 13, 46

Previews

White Background



This preview shows how the RGB color 217, 189, 121 looks on a white background.

Color Contrast Check

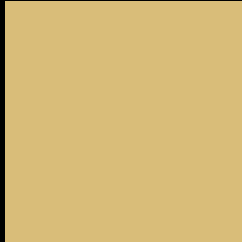
Large Text (above 18pt) WCAG AA × Fail

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 217, 189, 121 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 217, 189, 121 Background



This preview shows how black text looks on a background with the RGB color 217, 189, 121.

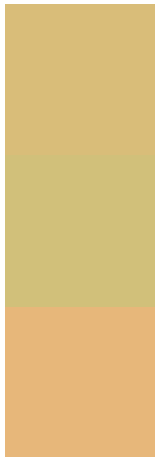


This preview shows how white text looks on a background with the RGB color 217, 189, 121.

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
217, 189, 121

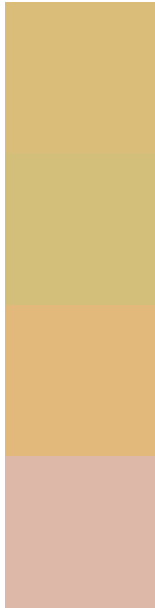
Protanopia
209, 192, 122

Deuteranopia
231, 183, 122



Tritanopia
224, 180, 194

Trichromacy



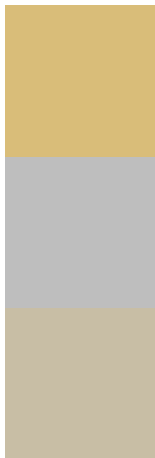
Original Color
217, 189, 121

Protanomaly
212, 191, 122

Deuteranomaly
226, 185, 122

Tritanomaly
221, 183, 167

Monochromacy



Original Color
217, 189, 121

Achromatopsia
190, 190, 190

Achromatomaly
200, 190, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 189, 121 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(217, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 121)  
}
```

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(217, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 121) }
```

Border

The CSS property to change the border of an element to RGB 217, 189, 121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

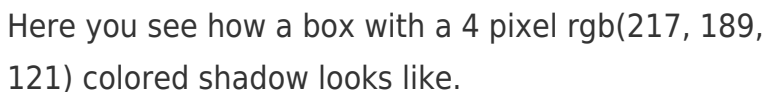
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 189, 121) }
```

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

```
.border{ border-color:rgb(217, 189, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 217, 189, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 121) }
```

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

```
.background{ background-color: rgb(217,  
189, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor