

Converting Colors

RGB(215, 175, 117)

Have a look what the booklet for
RGB(215, 175, 117) contains.

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Color

RGB(215, 175, 117)

Conversions

Conversions Part 1

Format	Color
Hex	D7AF75
RGB	215, 175, 117
RGB Percent	84%, 69%, 46%
CMY	0.1569, 0.3137, 0.5412
CMYK	0.00, 0.19, 0.46, 0.16
HSL	36°, 55%, 65%
HSV	36°, 46%, 84%
XYZ	46.5652, 46.3914, 23.3298
YIQ	180.3480, 42.4580, -9.5580

Conversions

Conversions Part 2

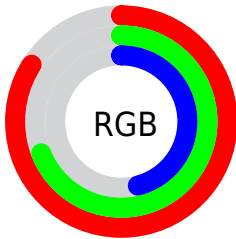
Format	Color
RYB	185, 215, 117
Decimal	14135157
CIELab	73.80, 7.10, 35.15
CIElCh	74, 35.858, 78.578
Yxy	46.3914, 0.4004, 0.3989
Android (android.graphics.Color)	4292325237 (0xFFD7AF75)
YUV	180.3480, -31.2306, 30.3898
Hunter-Lab	68.1112, 2.8394, 27.3695

Details

The RGB color **215, 175, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 157, 215**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 230, 170**, and **158, 123, 67** is the 20% darker color. If you saturate the color by 10%, you get **215, 166, 95**, and if you desaturate by 10%, it is **215, 184, 139**.

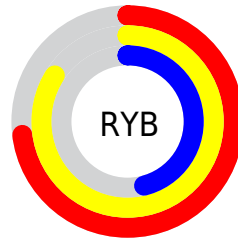
Distribution



Red (84%)

Green (69%)

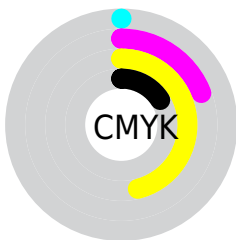
Blue (46%)



Red (73%)

Yellow (84%)

Blue (46%)

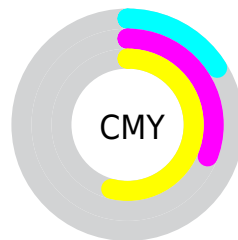


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 175, 117 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 215, 175, 117 by changing the saturation by 10% instead.

 215, 175, 117


255, 255, 255

 255, 230, 170

 255, 255, 197


 255, 255, 226

255, 255, 254

 215, 175, 117

 186, 148, 92

 158, 123, 67

 131, 98, 44

 104, 74, 20


 78, 52, 0


 53, 31, 0

 29, 8, 0


 0, 0, 0

 215, 175, 117


 215, 175, 117

 215, 166, 95


 215, 184, 139

 215, 157, 74


 215, 193, 160

 215, 149, 52


 215, 201, 182

 215, 140, 31

 215, 210, 203

 215, 131, 9

 215, 219, 225

 215, 127, 0

 215, 228, 246

 215, 236, 255

 215, 245, 255

 215, 254, 255

Harmonies

Analogous

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



238, 164, 133



215, 175, 117



183, 186, 118

Triad

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



215, 175, 117



69, 199, 201



211, 166, 225

Complementary

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



215, 175, 117



117, 157, 215

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.



168, 177, 244



215, 175, 117



70, 196, 230

Square

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



215, 175, 117



105, 198, 167



116, 188, 245



238, 158, 195

Rectangle

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



215, 175, 117



158, 192, 129



116, 188, 245



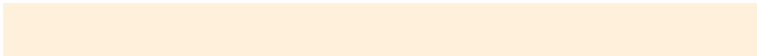
198, 169, 233

Sweetspot

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



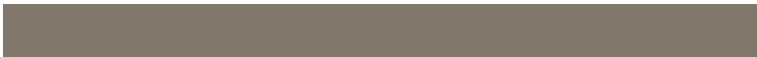
215, 175, 117



255, 240, 219



215, 117, 158



128, 119, 106



0, 0, 0



128, 128, 128

Same Dimension

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



215, 175, 117



255, 198, 115



207, 215, 117



107, 103, 96



171, 101, 0



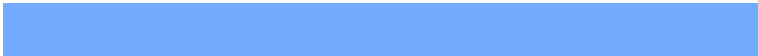
43, 26, 0

Inverse Universe

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



117, 157, 215



115, 172, 255



125, 117, 215



96, 101, 107



0, 70, 171



0, 18, 43

Previews

White Background



This preview shows how the RGB color 215, 175, 117 looks on a white background.

Color Contrast Check

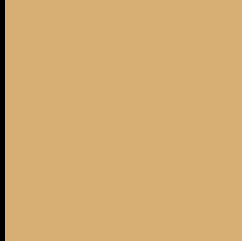
Large Text (above 18pt) WCAG AA × Fail

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 215, 175, 117 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 215, 175, 117 Background



This preview shows how black text looks on a background with the RGB color 215, 175, 117.

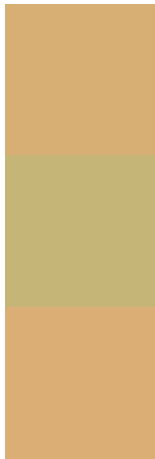


This preview shows how white text looks on a background with the RGB color 215, 175, 117.

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
215, 175, 117

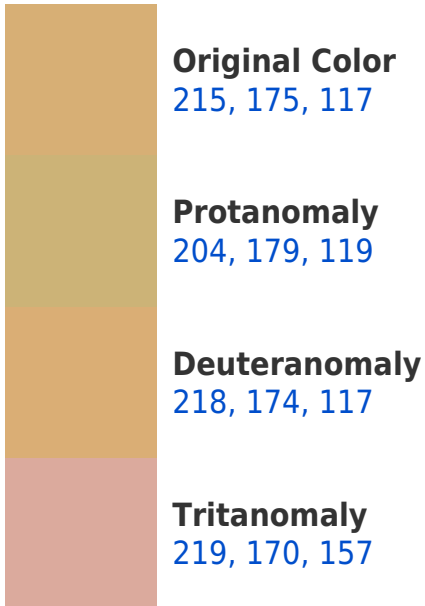
Protanopia
197, 182, 120

Deuteranopia
219, 174, 117

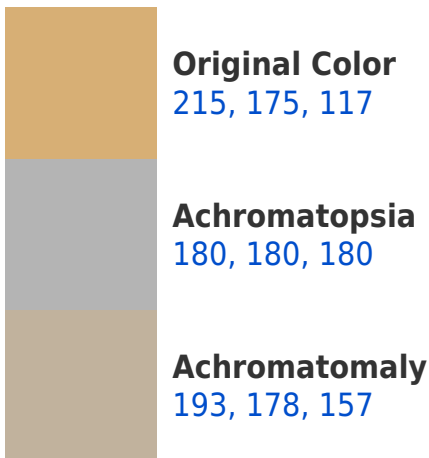


Tritanopia
221, 167, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 175, 117 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(215, 175, 117)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 117)  
}
```

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(215, 175, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 117) }
```

Border

The CSS property to change the border of an element to RGB 215, 175, 117 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(215, 175, 117) }
```

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

```
.border{ border-color:rgb(215, 175, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 175, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 175, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 175, 117);  
box-shadow:4px 4px 4px 4px rgb(215, 175,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 215, 175, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 117) }
```

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

```
.background{ background-color: rgb(215,  
175, 117) }
```

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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