

Converting Colors

RGB(215, 181, 147)

Have a look what the booklet for
RGB(215, 181, 147) contains.

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Color

RGB(215, 181, 147)

Conversions

Conversions Part 1

Format	Color
Hex	D7B593
RGB	215, 181, 147
RGB Percent	84%, 71%, 58%
CMY	0.1569, 0.2902, 0.4235
CMYK	0.00, 0.16, 0.32, 0.16
HSL	30°, 46%, 71%
HSV	30°, 32%, 84%
XYZ	49.8147, 49.6014, 34.5523
YIQ	187.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

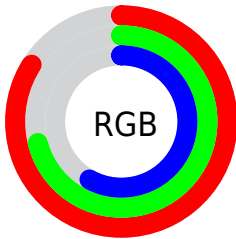
Format	Color
R _Y B	215, 215, 147
Decimal	14136723
CIE Lab	75.82, 7.34, 21.90
CIE LCh	76, 23.096, 71.483
Yxy	49.6014, 0.3718, 0.3702
Android (android.graphics.Color)	4292326803 (0xFFD7B593)
YUV	187.2900, -19.8630, 24.3017
Hunter-Lab	70.4283, 3.0055, 20.2120

Details

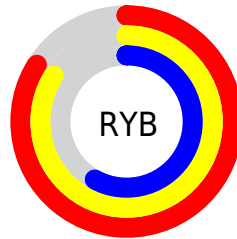
The RGB color **215, 181, 147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **147, 181, 215**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 237, 201**, and **159, 128, 96** is the 20% darker color. If you saturate the color by 10%, you get **215, 170, 126**, and if you desaturate by 10%, it is **215, 192, 169**.

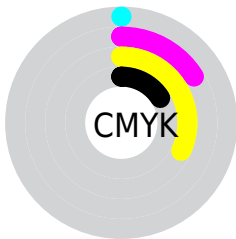
Distribution



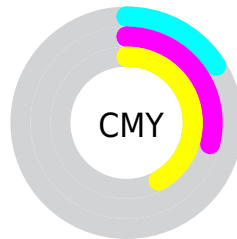
- Red (84%)
- Green (71%)
- Blue (58%)



- Red (84%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RGB color 215, 181, 147 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, 181, 147 by changing the saturation by 10% instead.

 215, 181, 147

 215, 181, 147

255, 255, 255

 187, 154, 121


 255, 237, 201

 159, 128, 96

 255, 255, 229

 132, 103, 72

 106, 79, 49

 81, 56, 28

 57, 35, 3

 34, 14, 0

 0, 0, 0

 215, 181, 147


 215, 181, 147

 215, 170, 126


 215, 192, 169

 215, 160, 104


 215, 203, 190

 215, 149, 82


 215, 213, 211

 215, 138, 61


 215, 224, 233

 215, 127, 40

 215, 235, 255

 215, 117, 18

 215, 245, 255

 215, 108, 0

 215, 255, 255

Harmonies

Analogous

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



228, 175, 160



215, 181, 147



195, 188, 145

Triad

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



215, 181, 147



130, 199, 195



201, 179, 219

Complementary

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



215, 181, 147



147, 181, 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.



173, 186, 228



215, 181, 147



129, 197, 214

Square

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



215, 181, 147



147, 198, 173



145, 193, 227



221, 173, 201

Rectangle

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



215, 181, 147



179, 192, 150



145, 193, 227



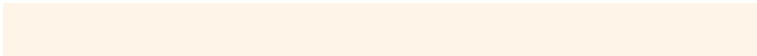
192, 181, 223

Sweetspot

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



215, 181, 147



255, 244, 232



215, 147, 181



128, 120, 113



0, 0, 0



128, 128, 128

Same Dimension

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



215, 181, 147



255, 207, 158



215, 215, 147



107, 102, 96



171, 85, 0



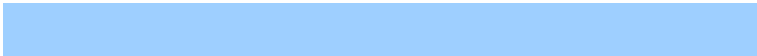
43, 22, 0

Inverse Universe

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



147, 181, 215



158, 207, 255



147, 147, 215



96, 102, 107



0, 85, 171



0, 22, 43

Previews

White Background



This preview shows how the RGB color 215, 181, 147 looks on a white background.

Color Contrast Check

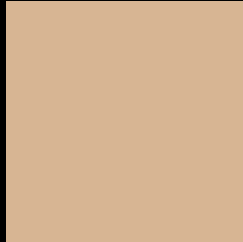
Large Text (above 18pt) WCAG AA × Fail

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, 181, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

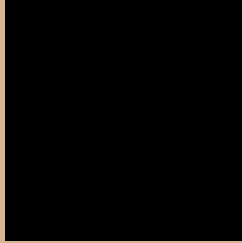
Any Text WCAG AA ✓ Pass

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, 181, 147 Background



This preview shows how black text looks on a background with the RGB color 215, 181, 147.



This preview shows how white text looks on a background with the RGB color 215, 181, 147.

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, 181, 147

Protanopia
199, 187, 150

Deuteranopia
219, 180, 147



Tritanopia
220, 175, 189

Trichromacy



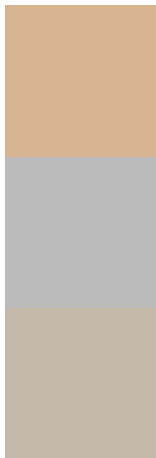
Original Color
215, 181, 147

Protanomaly
205, 185, 149

Deuteranomaly
218, 180, 147

Tritanomaly
218, 177, 174

Monochromacy



Original Color
215, 181, 147

Achromatopsia
187, 187, 187

Achromatomaly
197, 185, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 181, 147 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, 181, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 181, 147)  
}
```

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, 181, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 181, 147) }
```

Border

The CSS property to change the border of an element to RGB 215, 181, 147 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, 181, 147) }
```

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

```
.border{ border-color:rgb(215, 181, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 181, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 181, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 181, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 181,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 215, 181, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 181, 147) }
```

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

```
.background{ background-color: rgb(215,  
181, 147) }
```

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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