

Converting Colors

RGB(221, 189, 147)

Have a look what the booklet for
RGB(221, 189, 147) contains.

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Color

RGB(221, 189, 147)

Conversions

Conversions Part 1

Format	Color
Hex	DDBD93
RGB	221, 189, 147
RGB Percent	87%, 74%, 58%
CMY	0.1333, 0.2588, 0.4235
CMYK	0.00, 0.14, 0.33, 0.13
HSL	34°, 52%, 72%
HSV	34°, 33%, 87%
XYZ	53.2828, 53.8739, 35.1942
YIQ	193.7800, 32.5540, -6.2780

Conversions

Conversions Part 2

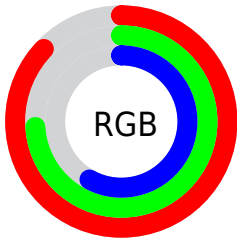
Format	Color
R_{YB}	203, 221, 147
Decimal	14531987
CIE Lab	78.39, 5.43, 25.48
CIE LCh	78, 26.053, 77.973
Yxy	53.8739, 0.3743, 0.3785
Android (android.graphics.Color)	4292722067 (0xFFDDBD93)
YUV	193.7800, -23.0625, 23.8719
Hunter-Lab	73.3989, 1.1315, 22.9501

Details

The RGB color **221, 189, 147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **147, 179, 221**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 245, 201**, and **165, 136, 96** is the 20% darker color. If you saturate the color by 10%, you get **221, 179, 125**, and if you desaturate by 10%, it is **221, 199, 169**.

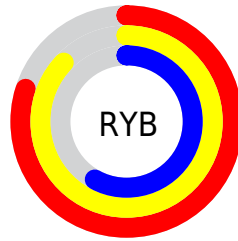
Distribution



Red (87%)

Green (74%)

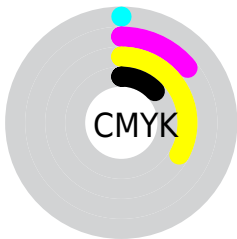
Blue (58%)



Red (80%)

Yellow (87%)

Blue (58%)

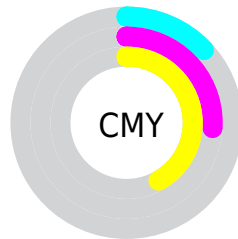


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 189, 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 221, 189, 147 by changing the saturation by 10% instead.


 221, 189, 147

255, 255, 255

 255, 245, 201


 255, 255, 229

 221, 189, 147

 193, 162, 121

 165, 136, 96

 138, 110, 72


 111, 86, 49


 86, 63, 27


 61, 41, 3


 38, 21, 0


 0, 0, 0


 221, 189, 147


 221, 189, 147

 221, 179, 125


 221, 199, 169

 221, 170, 103


 221, 208, 191


 221, 160, 81


 221, 218, 213

 221, 151, 59


 221, 227, 235

 221, 141, 36

 221, 237, 255

 221, 132, 14

 221, 246, 255

 221, 125, 0

 221, 255, 255

Harmonies

Analogous

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



238, 181, 159



221, 189, 147



197, 197, 148

Triad

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



221, 189, 147



126, 208, 208



215, 183, 227

Complementary

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



221, 189, 147



147, 179, 221

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.



185, 191, 240



221, 189, 147



128, 205, 229

Square

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



221, 189, 147



143, 207, 183



152, 199, 241



236, 177, 205

Rectangle

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



221, 189, 147



178, 201, 155



152, 199, 241



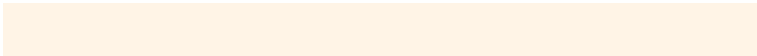
206, 186, 232

Sweetspot

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



221, 189, 147



255, 244, 230



221, 147, 179



128, 121, 112



0, 0, 0



128, 128, 128

Same Dimension

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



221, 189, 147



255, 211, 153



216, 221, 147



110, 105, 99



173, 98, 0



46, 26, 0

Inverse Universe

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



147, 179, 221



153, 197, 255



152, 147, 221



99, 103, 110



0, 75, 173



0, 20, 46

Previews

White Background



This preview shows how the RGB color 221, 189, 147 looks on a white background.

Color Contrast Check

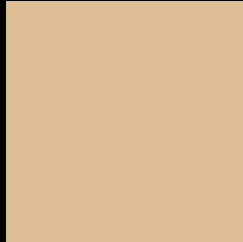
Large Text (above 18pt) WCAG AA × Fail

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 221, 189, 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 221, 189, 147 Background



This preview shows how black text looks on a background with the RGB color 221, 189, 147.



This preview shows how white text looks on a background with the RGB color 221, 189, 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
221, 189, 147

Protanopia
207, 194, 149

Deuteranopia
228, 186, 148



Tritanopia
226, 182, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 189, 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(221, 189, 147)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 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(221, 189, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 147) }
```

Border

The CSS property to change the border of an element to RGB 221, 189, 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(221, 189, 147) }
```

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

```
.border{ border-color:rgb(221, 189, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 147);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 221, 189, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 147) }
```

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

```
.background{ background-color: rgb(221,  
189, 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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