

Converting Colors

RGB(220, 180, 129)

Have a look what the booklet for
RGB(220, 180, 129) contains.

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Color

RGB(220, 180, 129)

Conversions

Conversions Part 1

Format	Color
Hex	DCB481
RGB	220, 180, 129
RGB Percent	86%, 71%, 51%
CMY	0.1373, 0.2941, 0.4941
CMYK	0.00, 0.18, 0.41, 0.14
HSL	34°, 57%, 68%
HSV	34°, 41%, 86%
XYZ	49.7989, 49.4431, 27.6877
YIQ	186.1460, 40.2110, -7.3810

Conversions

Conversions Part 2

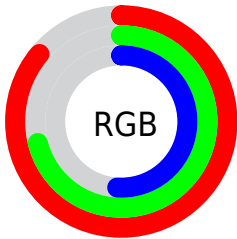
Format	Color
R _Y B	200, 220, 129
Decimal	14464129
CIE Lab	75.73, 7.71, 31.44
CIE LCh	76, 32.373, 76.215
Yxy	49.4431, 0.3923, 0.3895
Android (android.graphics.Color)	4292654209 (0xFFDCB481)
YUV	186.1460, -28.1730, 29.6900
Hunter-Lab	70.3158, 3.3642, 25.8749

Details

The RGB color **220, 180, 129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **129, 169, 220**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 236, 182**, and **163, 127, 79** is the 20% darker color. If you saturate the color by 10%, you get **220, 170, 107**, and if you desaturate by 10%, it is **220, 190, 151**.

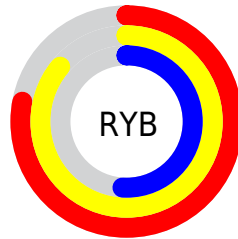
Distribution



Red (86%)

Green (71%)

Blue (51%)



Red (78%)

Yellow (86%)

Blue (51%)

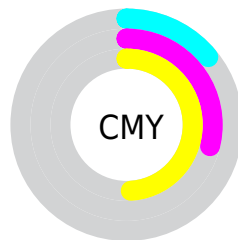


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (14%)



Cyan (14%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 180, 129 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 220, 180, 129 by changing the saturation by 10% instead.

 220, 180, 129

255, 255, 255

 255, 236, 182


 255, 255, 210

 255, 255, 239

 220, 180, 129

 191, 153, 104

 163, 127, 79

 136, 102, 55

 109, 78, 32

 83, 56, 9

 58, 34, 0


 34, 14, 0


 0, 0, 0


 220, 180, 129


 220, 180, 129

 220, 170, 107


 220, 190, 151

 220, 161, 85


 220, 199, 173

 220, 151, 63

 220, 209, 195

 220, 141, 41

 220, 219, 217

 220, 132, 19

 220, 228, 239

 220, 123, 0

 220, 238, 255

 220, 248, 255

 220, 255, 255

Harmonies

Analogous

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



240, 170, 145



220, 180, 129



191, 190, 129

Triad

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



220, 180, 129



95, 203, 202



211, 173, 228

Complementary

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



220, 180, 129



129, 169, 220

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.



171, 184, 244



220, 180, 129



94, 200, 229

Square

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



220, 180, 129



123, 202, 171



127, 194, 244



237, 166, 202

Rectangle

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



220, 180, 129



169, 195, 138



127, 194, 244



199, 177, 235

Sweetspot

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



220, 180, 129



255, 242, 224



220, 129, 170



128, 120, 110



0, 0, 0



128, 128, 128

Same Dimension

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



220, 180, 129



255, 199, 128



215, 220, 129



110, 105, 99



173, 97, 0



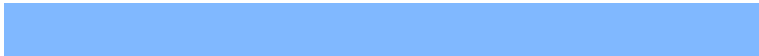
46, 26, 0

Inverse Universe

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



129, 169, 220



128, 184, 255



134, 129, 220



99, 104, 110



0, 76, 173



0, 20, 46

Previews

White Background



This preview shows how the RGB color 220, 180, 129 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 220, 180, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

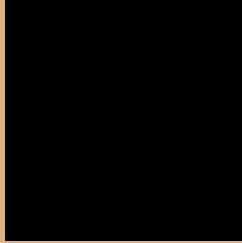
Any Text WCAG AA ✓ Pass

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 220, 180, 129 Background



This preview shows how black text looks on a background with the RGB color 220, 180, 129.



This preview shows how white text looks on a background with the RGB color 220, 180, 129.

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


220, 180, 129

Protanopia

201, 187, 132

Deuteranopia

223, 179, 129



Tritanopia
226, 173, 186

Trichromacy



Original Color

220, 180, 129

Protanomaly

208, 184, 131

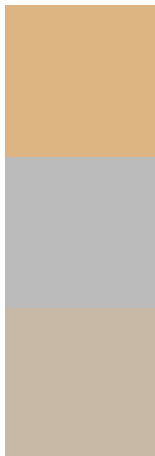
Deuteranomaly

222, 179, 129

Tritanomaly

224, 176, 165

Monochromacy



Original Color

220, 180, 129

Achromatopsia

186, 186, 186

Achromatomaly

198, 184, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 180, 129 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(220, 180, 129)` looks like.

```
.text, #text, p{  
    color:rgb(220, 180, 129)  
}
```

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(220, 180, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 129) }
```

Border

The CSS property to change the border of an element to RGB 220, 180, 129 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(220, 180, 129) }
```

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

```
.border{ border-color:rgb(220, 180, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 180, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 180, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 180, 129);  
box-shadow:4px 4px 4px 4px rgb(220, 180,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 220, 180, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 180, 129) }
```

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

```
.background{ background-color: rgb(220,  
180, 129) }
```

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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