

Converting Colors

RGB(218, 180, 137)

Have a look what the booklet for
RGB(218, 180, 137) contains.

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Color

RGB(218, 180, 137)

Conversions

Conversions Part 1

Format	Color
Hex	DAB489
RGB	218, 180, 137
RGB Percent	85%, 71%, 54%
CMY	0.1451, 0.2941, 0.4627
CMYK	0.00, 0.17, 0.37, 0.15
HSL	32°, 52%, 70%
HSV	32°, 37%, 85%
XYZ	49.7501, 49.3541, 30.5711
YIQ	186.4600, 36.4510, -5.3170

Conversions

Conversions Part 2

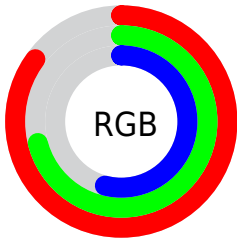
Format	Color
R_{YB}	209, 218, 137
Decimal	14333065
CIE _{Lab}	75.67, 7.82, 27.09
CIE _{LCh}	76, 28.197, 73.900
Yxy	49.3541, 0.3837, 0.3806
Android (android.graphics.Color)	4292523145 (0xFFDAB489)
YUV	186.4600, -24.3838, 27.6606
Hunter-Lab	70.2525, 3.4649, 23.3761

Details

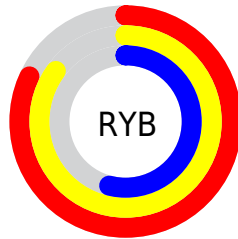
The RGB color **218, 180, 137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **137, 175, 218**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 236, 191**, and **162, 127, 87** is the 20% darker color. If you saturate the color by 10%, you get **218, 170, 115**, and if you desaturate by 10%, it is **218, 190, 159**.

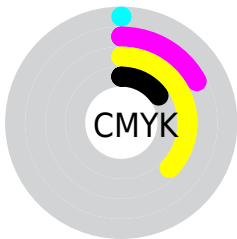
Distribution



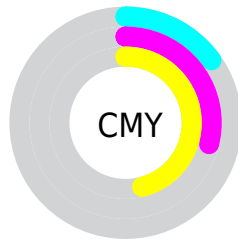
- Red (85%)
- Green (71%)
- Blue (54%)



- Red (82%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 180, 137 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 218, 180, 137 by changing the saturation by 10% instead.

 218, 180, 137

 218, 180, 137

255, 255, 255

 190, 153, 111

 255, 236, 191

 162, 127, 87

 255, 255, 219

 134, 102, 63

 255, 255, 247

 108, 78, 40

 82, 56, 18

 58, 34, 0

 34, 13, 0


 0, 0, 0

 218, 180, 137


 218, 180, 137

 218, 170, 115


 218, 190, 159

 218, 160, 93


 218, 200, 181

 218, 149, 72

 218, 211, 202

 218, 139, 50

 218, 221, 224

 218, 129, 28

 218, 231, 246

 218, 119, 6

 218, 241, 255

 218, 116, 0

 218, 252, 255

 218, 255, 255

Harmonies

Analogous

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



235, 172, 152



218, 180, 137



193, 189, 136

Triad

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



218, 180, 137



112, 201, 198



205, 176, 224

Complementary

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



218, 180, 137



137, 175, 218

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, 185, 237



218, 180, 137



111, 199, 222

Square

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



218, 180, 137



134, 200, 171



135, 193, 236



229, 169, 202

Rectangle

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



218, 180, 137



174, 194, 143



135, 193, 236



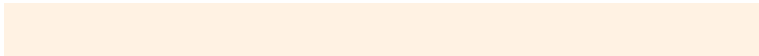
195, 179, 230

Sweetspot

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



218, 180, 137



255, 242, 227



218, 137, 176



128, 120, 111



0, 0, 0



128, 128, 128

Same Dimension

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



218, 180, 137



255, 201, 140



217, 218, 137



110, 105, 99



173, 92, 0



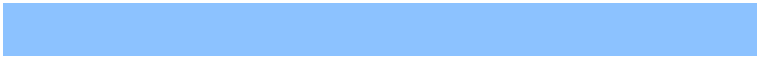
46, 24, 0

Inverse Universe

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



137, 175, 218



140, 194, 255



138, 137, 218



99, 104, 110



0, 81, 173



0, 22, 46

Previews

White Background



This preview shows how the RGB color 218, 180, 137 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 218, 180, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

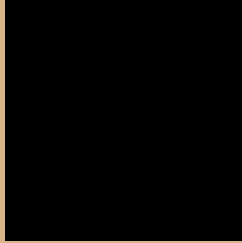
Any Text WCAG AA ✓ Pass

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 218, 180, 137 Background



This preview shows how black text looks on a background with the RGB color 218, 180, 137.



This preview shows how white text looks on a background with the RGB color 218, 180, 137.

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
218, 180, 137

Protanopia
200, 186, 140

Deuteranopia
221, 179, 137



Tritanopia
223, 173, 187

Trichromacy



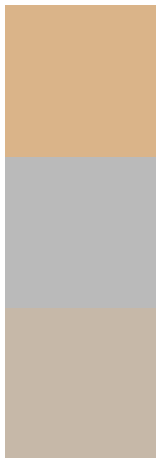
Original Color
218, 180, 137

Protanomaly
207, 184, 139

Deuteranomaly
220, 179, 137

Tritanomaly
221, 176, 169

Monochromacy



Original Color
218, 180, 137

Achromatopsia
186, 186, 186

Achromatomaly
198, 184, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 180, 137 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(218, 180, 137)` looks like.

```
.text, #text, p{  
    color:rgb(218, 180, 137)  
}
```

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(218, 180, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 137) }
```

Border

The CSS property to change the border of an element to RGB 218, 180, 137 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(218, 180, 137) }
```

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

```
.border{ border-color:rgb(218, 180, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 180, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 180, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 180, 137);  
box-shadow:4px 4px 4px 4px rgb(218, 180,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 218, 180, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 180, 137) }
```

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

```
.background{ background-color: rgb(218,  
180, 137) }
```

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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