

Converting Colors

RGB(221, 178, 125)

Have a look what the booklet for
RGB(221, 178, 125) contains.

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Color

RGB(221, 178, 125)

Conversions

Conversions Part 1

Format	Color
Hex	DDB27D
RGB	221, 178, 125
RGB Percent	87%, 70%, 49%
CMY	0.1333, 0.3020, 0.5098
CMYK	0.00, 0.19, 0.43, 0.13
HSL	33°, 59%, 68%
HSV	33°, 43%, 87%
XYZ	49.4409, 48.6936, 26.1950
YIQ	184.8150, 42.6410, -7.3670

Conversions

Conversions Part 2

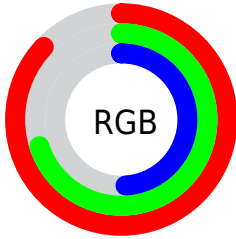
Format	Color
R_{YB}	203, 221, 125
Decimal	14529149
CIE Lab	75.26, 8.75, 32.96
CIE LCh	75, 34.099, 75.125
Yxy	48.6936, 0.3977, 0.3916
Android (android.graphics.Color)	4292719229 (0xFFDDB27D)
YUV	184.8150, -29.4888, 31.7342
Hunter-Lab	69.7808, 4.3538, 26.5897

Details

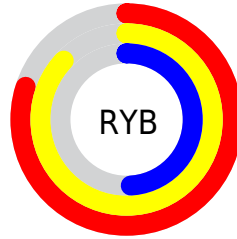
The RGB color **221, 178, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 168, 221**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 234, 178**, and **164, 125, 75** is the 20% darker color. If you saturate the color by 10%, you get **221, 168, 103**, and if you desaturate by 10%, it is **221, 188, 147**.

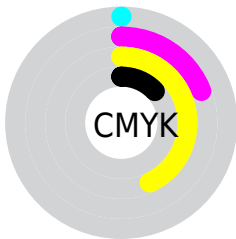
Distribution



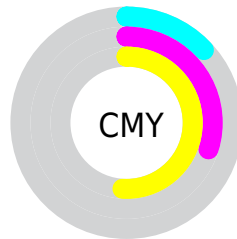
- Red (87%)
- Green (70%)
- Blue (49%)



- Red (80%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 178, 125 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, 178, 125 by changing the saturation by 10% instead.


 221, 178, 125


255, 255, 255

 255, 234, 178

 255, 255, 206

 255, 255, 234

 221, 178, 125

 192, 151, 100

 164, 125, 75

 136, 101, 52


 110, 77, 29


 83, 54, 5


 58, 33, 0


 34, 11, 0


 0, 0, 0


 221, 178, 125


 221, 178, 125

 221, 168, 103


 221, 188, 147

 221, 158, 81


 221, 198, 169


 221, 148, 59


 221, 208, 191


 221, 138, 37


 221, 218, 213

 221, 129, 14

 221, 227, 236

 221, 122, 0

 221, 237, 255

 221, 247, 255

 221, 255, 255

Harmonies

Analogous

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



241, 168, 142



221, 178, 125



191, 188, 124

Triad

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



221, 178, 125



86, 203, 201



209, 172, 230

Complementary

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



221, 178, 125



125, 168, 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.



167, 183, 246



221, 178, 125



83, 200, 229

Square

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



221, 178, 125



118, 201, 168



119, 193, 245



237, 163, 202

Rectangle

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



221, 178, 125



168, 194, 133



119, 193, 245



197, 175, 237

Sweetspot

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



221, 178, 125



255, 240, 222



221, 125, 168



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



221, 178, 125



255, 196, 122



216, 221, 125



110, 105, 99



173, 96, 0



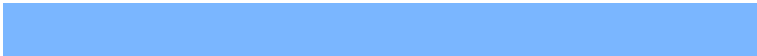
46, 25, 0

Inverse Universe

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



125, 168, 221



122, 182, 255



130, 125, 221



99, 104, 110



0, 78, 173



0, 21, 46

Previews

White Background



This preview shows how the RGB color 221, 178, 125 looks on a white background.

Color Contrast Check

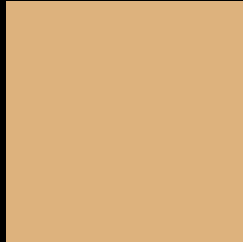
Large Text (above 18pt) WCAG AA × Fail

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, 178, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

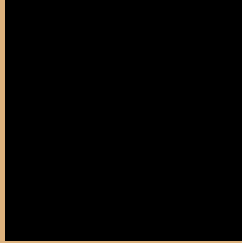
Any Text WCAG AA ✓ Pass

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, 178, 125 Background



This preview shows how black text looks on a background with the RGB color 221, 178, 125.



This preview shows how white text looks on a background with the RGB color 221, 178, 125.

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, 178, 125

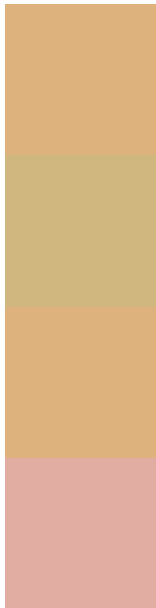
Protanopia
201, 185, 128

Deuteranopia
222, 178, 125



Tritanopia
227, 170, 184

Trichromacy



Original Color
221, 178, 125

Protanomaly
208, 182, 127

Deuteranomaly
222, 178, 125

Tritanomaly
225, 173, 163

Monochromacy



Original Color
221, 178, 125

Achromatopsia
185, 185, 185

Achromatomaly
198, 182, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 178, 125 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, 178, 125)` looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 125)  
}
```

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, 178, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 125) }
```

Border

The CSS property to change the border of an element to RGB 221, 178, 125 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, 178, 125) }
```

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

```
.border{ border-color:rgb(221, 178, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 178, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 178, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 178, 125);  
box-shadow:4px 4px 4px 4px rgb(221, 178,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 221, 178, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 178, 125) }
```

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

```
.background{ background-color: rgb(221,  
178, 125) }
```

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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