

Converting Colors

RGB(221, 178, 118)

Have a look what the booklet for
RGB(221, 178, 118) contains.

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Color

RGB(221, 178, 118)

Conversions

Conversions Part 1

Format	Color
Hex	DDB276
RGB	221, 178, 118
RGB Percent	87%, 70%, 46%
CMY	0.1333, 0.3020, 0.5373
CMYK	0.00, 0.19, 0.47, 0.13
HSL	35°, 60%, 66%
HSV	35°, 47%, 87%
XYZ	49.0092, 48.5209, 23.9220
YIQ	184.0170, 44.8880, -9.5440

Conversions

Conversions Part 2

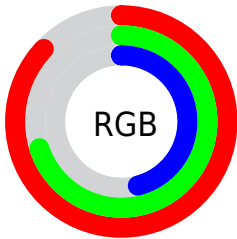
Format	Color
RYB	192, 221, 118
Decimal	14529142
CIELab	75.15, 8.05, 36.48
CIELCh	75, 37.354, 77.562
Yxy	48.5209, 0.4035, 0.3995
Android (android.graphics.Color)	4292719222 (0xFFDDB276)
YUV	184.0170, -32.5464, 32.4341
Hunter-Lab	69.6570, 3.6892, 28.3982

Details

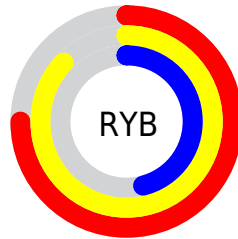
The RGB color **221, 178, 118** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **118, 161, 221**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 234, 171**, and **164, 125, 68** is the 20% darker color. If you saturate the color by 10%, you get **221, 169, 96**, and if you desaturate by 10%, it is **221, 187, 140**.

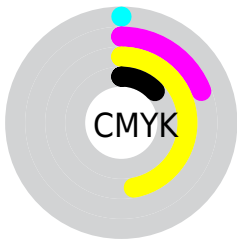
Distribution



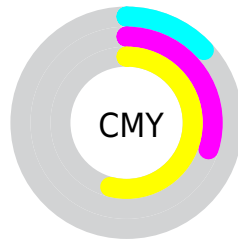
- Red (87%)
- Green (70%)
- Blue (46%)



- Red (75%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 178, 118 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, 118 by changing the saturation by 10% instead.


 221, 178, 118

255, 255, 255

 255, 234, 171

 255, 255, 199

 255, 255, 227

 221, 178, 118

 192, 151, 93

 164, 125, 68

 136, 101, 45


 109, 77, 21


 83, 54, 0


 57, 33, 0


 33, 12, 0


 0, 0, 0


 221, 178, 118


 221, 178, 118

 221, 169, 96


 221, 187, 140

 221, 160, 74


 221, 196, 162

 221, 150, 52


 221, 206, 184

 221, 141, 30

 221, 215, 206

 221, 132, 8

 221, 224, 229

 221, 129, 0

 221, 233, 251

 221, 243, 255

 221, 252, 255

 221, 255, 255

Harmonies

Analogous

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



244, 167, 136



221, 178, 118



188, 189, 119

Triad

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



221, 178, 118



66, 204, 205



214, 169, 232

Complementary

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



221, 178, 118



118, 161, 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.



169, 181, 250



221, 178, 118



64, 200, 235

Square

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



221, 178, 118



106, 203, 169



113, 193, 252



243, 160, 201

Rectangle

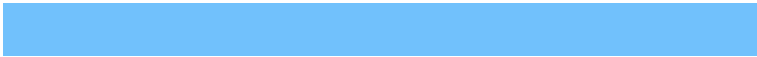
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 178, 118



162, 195, 129



113, 193, 252



201, 173, 240

Sweetspot

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



221, 178, 118



255, 240, 219



221, 118, 163



128, 118, 106



0, 0, 0



128, 128, 128

Same Dimension

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



221, 178, 118



255, 195, 112



214, 221, 118



110, 105, 99



173, 101, 0



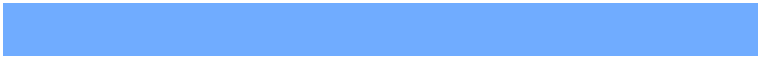
46, 27, 0

Inverse Universe

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



118, 161, 221



112, 172, 255



125, 118, 221



99, 103, 110



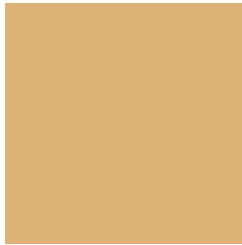
0, 72, 173



0, 19, 46

Previews

White Background



This preview shows how the RGB color 221, 178, 118 looks on a white background.

Color Contrast Check

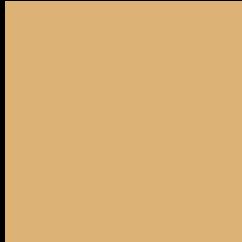
Large Text (above 18pt) WCAG AA × Fail

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, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

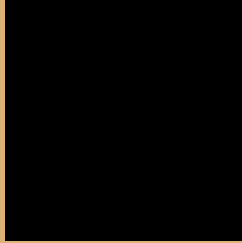
Any Text WCAG AA ✓ Pass

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, 118 Background



This preview shows how black text looks on a background with the RGB color 221, 178, 118.



This preview shows how white text looks on a background with the RGB color 221, 178, 118.

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, 118

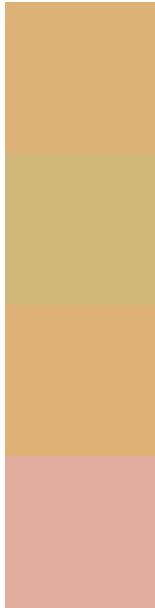
Protanopia
201, 185, 121

Deuteranopia
223, 177, 118



Tritanopia
227, 170, 183

Trichromacy



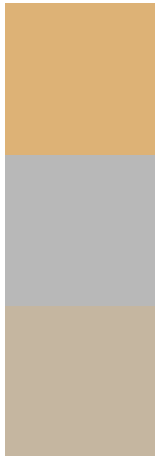
Original Color
221, 178, 118

Protanomaly
208, 182, 120

Deuteranomaly
222, 177, 118

Tritanomaly
225, 173, 159

Monochromacy



Original Color
221, 178, 118

Achromatopsia
184, 184, 184

Achromatomaly
197, 182, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 178, 118 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 118) }
```

Border

The CSS property to change the border of an element to RGB 221, 178, 118 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, 118) }
```

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

```
.border{ border-color:rgb(221, 178, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 178, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 178, 118); box-shadow:4px 4px 4px 4px rgb(221, 178, 118) }
```

Background

The CSS property to change the background color of an element to RGB 221, 178, 118 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, 118) }
```

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

```
.background{ background-color: rgb(221,  
178, 118) }
```

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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