

Converting Colors

RGB(244, 180, 116)

Have a look what the booklet for
RGB(244, 180, 116) contains.

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Color

RGB(244, 180, 116)

Conversions

Conversions Part 1

Format	Color
Hex	F4B474
RGB	244, 180, 116
RGB Percent	96%, 71%, 45%
CMY	0.0431, 0.2941, 0.5451
CMYK	0.00, 0.26, 0.52, 0.04
HSL	30°, 85%, 71%
HSV	30°, 52%, 96%
XYZ	56.7819, 53.1366, 23.7867
YIQ	191.8400, 58.6880, -6.3360

Conversions

Conversions Part 2

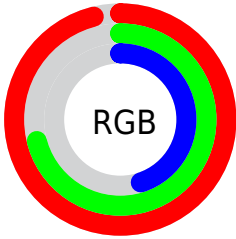
Format	Color
R_{YB}	244, 244, 116
Decimal	16036980
CIE _{Lab}	77.96, 16.13, 41.54
CIE _{LCh}	78, 44.559, 68.781
Yxy	53.1366, 0.4247, 0.3974
Android (android.graphics.Color)	4294227060 (0xFFF4B474)
YUV	191.8400, -37.3891, 45.7443
Hunter-Lab	72.8948, 11.4777, 31.6792

Details

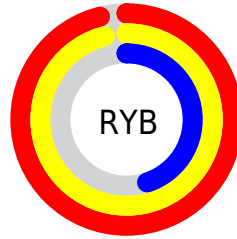
The RGB color **244, 180, 116** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **116, 180, 244**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 236, 169**, and **185, 127, 66** is the 20% darker color. If you saturate the color by 10%, you get **244, 168, 92**, and if you desaturate by 10%, it is **244, 192, 140**.

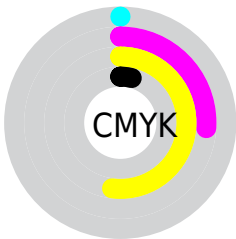
Distribution



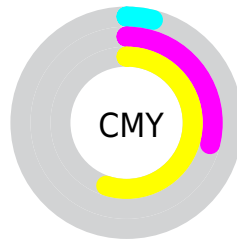
- Red (96%)
- Green (71%)
- Blue (45%)



- Red (96%)
- Yellow (96%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 180, 116 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 244, 180, 116 by changing the saturation by 10% instead.

 244, 180, 116

 244, 180, 116


255, 255, 255

 214, 153, 91

 255, 236, 169

 185, 127, 66

 255, 255, 197

 156, 102, 42

 255, 255, 225

 128, 78, 17

255, 255, 254


 100, 55, 0


 73, 33, 0

 47, 13, 0


 17, 0, 0


 0, 0, 0

 244, 180, 116


 244, 180, 116

 244, 168, 92


 244, 192, 140

 244, 156, 67

 244, 204, 165

 244, 143, 43

 244, 217, 189

 244, 131, 18

 244, 229, 214

 244, 122, 0

 244, 241, 238

 244, 253, 255

 244, 255, 255

Harmonies

Analogous

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



255, 167, 143



244, 180, 116



208, 194, 110

Triad

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



244, 180, 116



33, 215, 204



213, 177, 255

Complementary

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



244, 180, 116



116, 180, 244

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.



151, 193, 255



244, 180, 116



0, 212, 243

Square

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



244, 180, 116



110, 212, 161



69, 205, 255



254, 164, 224

Rectangle

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



244, 180, 116



178, 202, 118



69, 205, 255



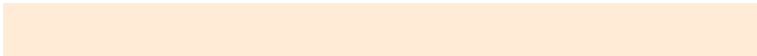
194, 183, 255

Sweetspot

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



244, 180, 116



255, 235, 214



244, 116, 180



128, 115, 103



0, 0, 0



128, 128, 128

Same Dimension

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



244, 180, 116



255, 175, 94



244, 244, 116



122, 116, 110



186, 93, 0



59, 29, 0

Inverse Universe

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



116, 180, 244



94, 175, 255



116, 116, 244



110, 116, 122



0, 93, 186



0, 29, 59

Previews

White Background



This preview shows how the RGB color 244, 180, 116 looks on a white background.

Color Contrast Check

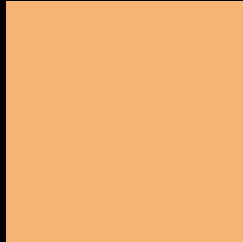
Large Text (above 18pt) WCAG AA × Fail

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 244, 180, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

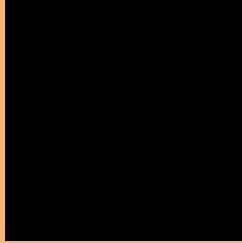
Any Text WCAG AA ✓ Pass

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 244, 180, 116 Background



This preview shows how black text looks on a background with the RGB color 244, 180, 116.



This preview shows how white text looks on a background with the RGB color 244, 180, 116.

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
244, 180, 116

Protanopia
210, 193, 121

Deuteranopia
234, 184, 115



Tritanopia
250, 172, 185

Trichromacy



Original Color

244, 180, 116

Protanomaly

222, 188, 119

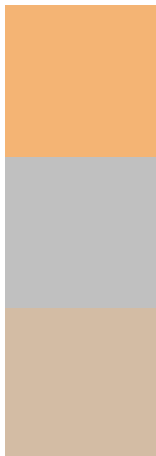
Deuteranomaly

238, 183, 115

Tritanomaly

248, 175, 160

Monochromacy



Original Color

244, 180, 116

Achromatopsia

192, 192, 192

Achromatomaly

211, 188, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 180, 116 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(244, 180, 116)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 116)  
}
```

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(244, 180, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 116) }
```

Border

The CSS property to change the border of an element to RGB 244, 180, 116 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(244, 180, 116) }
```

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

```
.border{ border-color:rgb(244, 180, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 180, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 116);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 244, 180, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 116) }
```

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

```
.background{ background-color: rgb(244,  
180, 116) }
```

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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