

Converting Colors

RGB(248, 180, 112)

Have a look what the booklet for
RGB(248, 180, 112) contains.

RGB(248, 180, 112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(248, 180, 112)

Conversions

Conversions Part 1

Format	Color
Hex	F8B470
RGB	248, 180, 112
RGB Percent	97%, 71%, 44%
CMY	0.0275, 0.2941, 0.5608
CMYK	0.00, 0.27, 0.55, 0.03
HSL	30°, 91%, 71%
HSV	30°, 55%, 97%
XYZ	57.9573, 53.7688, 22.6530
YIQ	192.5800, 62.3560, -6.7320

Conversions

Conversions Part 2

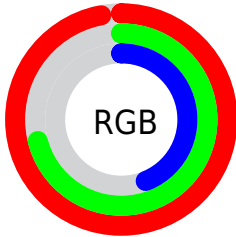
Format	Color
R_{YB}	248, 248, 112
Decimal	16299120
CIE _{Lab}	78.33, 17.41, 44.12
CIE _{LCh}	78, 47.435, 68.463
Yxy	53.7688, 0.4313, 0.4001
Android (android.graphics.Color)	4294489200 (0xFFFF8B470)
YUV	192.5800, -39.7259, 48.6033
Hunter-Lab	73.3272, 12.7624, 33.0126

Details

The RGB color **248, 180, 112** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **112, 180, 248**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 236, 165**, and **188, 127, 62** is the 20% darker color. If you saturate the color by 10%, you get **248, 168, 87**, and if you desaturate by 10%, it is **248, 192, 137**.

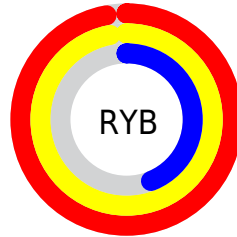
Distribution



Red (97%)

Green (71%)

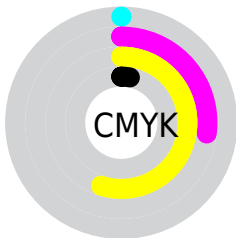
Blue (44%)



Red (97%)

Yellow (97%)

Blue (44%)

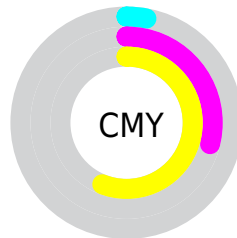


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (3%)



Cyan (3%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 180, 112 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 248, 180, 112 by changing the saturation by 10% instead.

 248, 180, 112


255, 255, 255

 255, 236, 165

 255, 255, 193

 255, 255, 221


 255, 255, 250

 248, 180, 112

 218, 153, 87

 188, 127, 62

 159, 102, 37

 131, 78, 11

 103, 55, 0

 76, 33, 0


 49, 12, 0

 22, 0, 0


 0, 0, 0

 248, 180, 112


 248, 180, 112

 248, 168, 87


 248, 192, 137

 248, 155, 62

 248, 205, 162

 248, 143, 38

 248, 217, 186

 248, 130, 13

 248, 230, 211

 248, 124, 0

 248, 242, 236

 248, 254, 255

 248, 255, 255

Harmonies

Analogous

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



255, 165, 141



248, 180, 112



209, 195, 105

Triad

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



248, 180, 112



0, 217, 205



214, 178, 255

Complementary

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



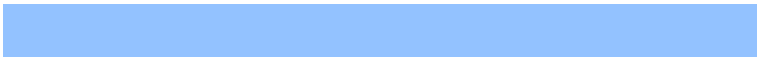
248, 180, 112



112, 180, 248

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.



147, 194, 255



248, 180, 112



0, 215, 247

Square

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



248, 180, 112



104, 214, 160



45, 207, 255



255, 163, 227

Rectangle

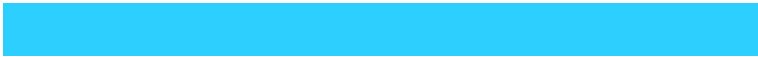
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 180, 112



179, 204, 114



45, 207, 255



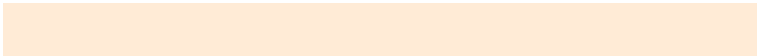
194, 183, 255

Sweetspot

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



248, 180, 112



255, 235, 214



248, 112, 180



128, 115, 103



0, 0, 0



128, 128, 128

Same Dimension

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



248, 180, 112



255, 171, 87



248, 248, 112



125, 119, 112



189, 94, 0



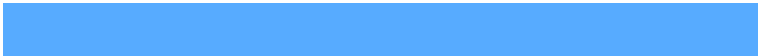
61, 31, 0

Inverse Universe

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



112, 180, 248



87, 171, 255



112, 112, 248



112, 119, 125



0, 94, 189



0, 31, 61

Previews

White Background



This preview shows how the RGB color 248, 180, 112 looks on a white background.

Color Contrast Check

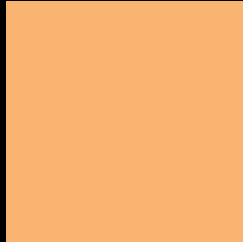
Large Text (above 18pt) WCAG AA × Fail

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 248, 180, 112 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 248, 180, 112 Background



This preview shows how black text looks on a background with the RGB color 248, 180, 112.



This preview shows how white text looks on a background with the RGB color 248, 180, 112.

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
248, 180, 112

Protanopia
212, 194, 117

Deuteranopia
236, 185, 111



Tritanopia
254, 171, 184

Trichromacy



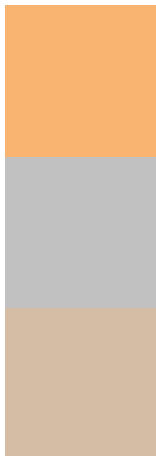
Original Color
248, 180, 112

Protanomaly
225, 189, 115

Deuteranomaly
240, 183, 111

Tritanomaly
252, 174, 158

Monochromacy



Original Color
248, 180, 112

Achromatopsia
193, 193, 193

Achromatomaly
213, 188, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 180, 112 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(248, 180, 112)` looks like.

```
.text, #text, p{  
    color:rgb(248, 180, 112)  
}
```

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(248, 180, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 180, 112) }
```

Border

The CSS property to change the border of an element to RGB 248, 180, 112 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(248, 180, 112) }
```

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

```
.border{ border-color:rgb(248, 180, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 180, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 180, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 180, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 180,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 248, 180, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 180, 112) }
```

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

```
.background{ background-color: rgb(248,  
180, 112) }
```

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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