

Converting Colors

RGB(240, 188, 142)

Have a look what the booklet for
RGB(240, 188, 142) contains.

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Color

RGB(240, 188, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F0BC8E
RGB	240, 188, 142
RGB Percent	94%, 74%, 56%
CMY	0.0588, 0.2627, 0.4431
CMYK	0.00, 0.22, 0.41, 0.06
HSL	28°, 77%, 75%
HSV	28°, 41%, 94%
XYZ	58.8009, 56.4447, 33.3870
YIQ	198.3040, 45.7580, -3.2820

Conversions

Conversions Part 2

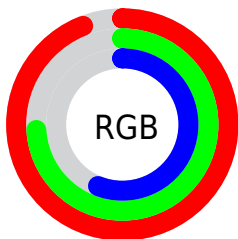
Format	Color
R _Y B	240, 229, 142
Decimal	15776910
CIE Lab	79.87, 12.82, 30.42
CIE LCh	80, 33.014, 67.141
Yxy	56.4447, 0.3956, 0.3798
Android (android.graphics.Color)	4293966990 (0xFFFF0BC8E)
YUV	198.3040, -27.7579, 36.5674
Hunter-Lab	75.1297, 8.2276, 26.2428

Details

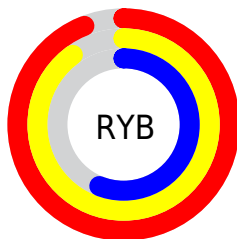
The RGB color **240, 188, 142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142, 194, 240**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 244, 196**, and **182, 135, 91** is the 20% darker color. If you saturate the color by 10%, you get **240, 175, 118**, and if you desaturate by 10%, it is **240, 201, 166**.

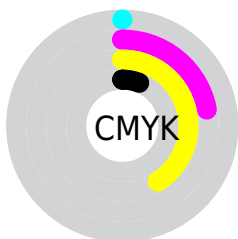
Distribution



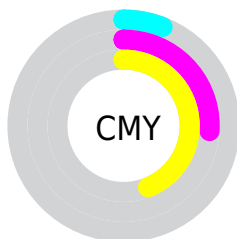
- Red (94%)
- Green (74%)
- Blue (56%)



- Red (94%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 188, 142 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 240, 188, 142 by changing the saturation by 10% instead.

 240, 188, 142

 240, 188, 142

255, 255, 255

 211, 161, 116

 255, 244, 196

 182, 135, 91

 255, 255, 224

 154, 109, 67

255, 255, 253

 127, 85, 44


 100, 62, 22

 74, 40, 0


 49, 19, 0

 25, 0, 1


 0, 0, 0

 240, 188, 142


 240, 188, 142

 240, 175, 118


 240, 201, 166

 240, 163, 94


 240, 213, 190

 240, 150, 70

 240, 226, 214

 240, 137, 46

 240, 239, 238

 240, 124, 22

 240, 252, 255

 240, 113, 0

 240, 255, 255

Harmonies

Analogous

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



255, 179, 162



240, 188, 142



212, 198, 137

Triad

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



240, 188, 142



111, 215, 205



212, 187, 247

Complementary

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



240, 188, 142



142, 194, 240

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, 198, 255



240, 188, 142



100, 213, 234

Square

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



240, 188, 142



143, 213, 173



125, 208, 254



243, 178, 223

Rectangle

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



240, 188, 142



190, 205, 143



125, 208, 254



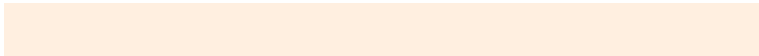
198, 191, 253

Sweetspot

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



240, 188, 142



255, 239, 224



240, 142, 194



128, 118, 110



0, 0, 0



128, 128, 128

Same Dimension

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



240, 188, 142



255, 189, 130



240, 237, 142



120, 113, 108



184, 86, 0



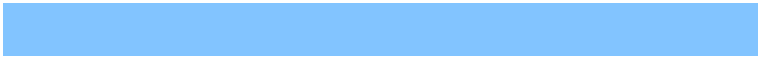
56, 26, 0

Inverse Universe

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



142, 194, 240



130, 196, 255



142, 145, 240



108, 114, 120



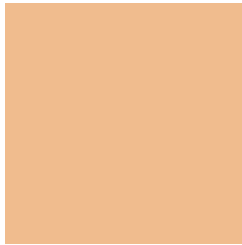
0, 97, 184



0, 30, 56

Previews

White Background



This preview shows how the RGB color 240, 188, 142 looks on a white background.

Color Contrast Check

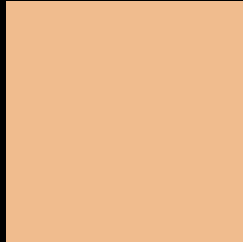
Large Text (above 18pt) WCAG AA × Fail

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 240, 188, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

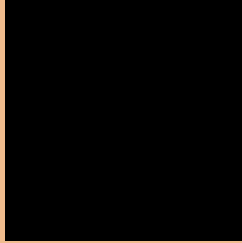
Any Text WCAG AA ✓ Pass

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 240, 188, 142 Background



This preview shows how black text looks on a background with the RGB color 240, 188, 142.



This preview shows how white text looks on a background with the RGB color 240, 188, 142.

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
240, 188, 142

Protanopia
213, 198, 146

Deuteranopia
236, 190, 142



Tritanopia
245, 181, 195

Trichromacy



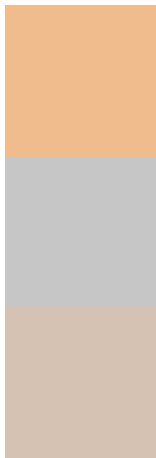
Original Color
240, 188, 142

Protanomaly
223, 194, 145

Deuteranomaly
237, 189, 142

Tritanomaly
243, 184, 176

Monochromacy



Original Color
240, 188, 142

Achromatopsia
198, 198, 198

Achromatomaly
213, 194, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 188, 142 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(240, 188, 142) looks like.

```
.text, #text, p{  
    color:rgb(240, 188, 142)  
}
```

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(240, 188, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 188, 142) }
```

Border

The CSS property to change the border of an element to RGB 240, 188, 142 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(240, 188, 142) }
```

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

```
.border{ border-color:rgb(240, 188, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 188, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 188, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 188, 142);  
box-shadow:4px 4px 4px 4px rgb(240, 188,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 240, 188, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 188, 142) }
```

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

```
.background{ background-color: rgb(240,  
188, 142) }
```

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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