

Converting Colors

RGB(230, 188, 158)

Have a look what the booklet for
RGB(230, 188, 158) contains.

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Color

RGB(230, 188, 158)

Conversions

Conversions Part 1

Format	Color
Hex	E6BC9E
RGB	230, 188, 158
RGB Percent	90%, 74%, 62%
CMY	0.0980, 0.2627, 0.3804
CMYK	0.00, 0.18, 0.31, 0.10
HSL	25°, 59%, 76%
HSV	25°, 31%, 90%
XYZ	56.7879, 55.2581, 40.0206
YIQ	197.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

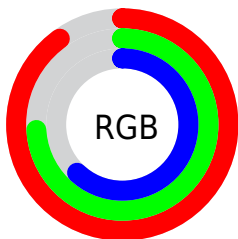
Format	Color
R _Y B	230, 209, 158
Decimal	15121566
CIE Lab	79.19, 10.82, 20.86
CIE LCh	79, 23.497, 62.574
Yxy	55.2581, 0.3734, 0.3634
Android (android.graphics.Color)	4293311646 (0xFFE6BC9E)
YUV	197.1380, -19.2950, 28.8200
Hunter-Lab	74.3358, 6.2753, 20.1147

Details

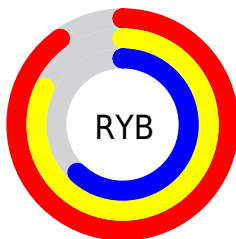
The RGB color **230, 188, 158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158, 200, 230**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 244, 213**, and **173, 135, 106** is the 20% darker color. If you saturate the color by 10%, you get **230, 175, 135**, and if you desaturate by 10%, it is **230, 201, 181**.

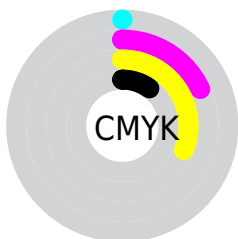
Distribution



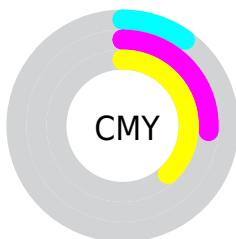
- Red (90%)
- Green (74%)
- Blue (62%)



- Red (90%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (10%)




- Cyan (10%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 188, 158 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 230, 188, 158 by changing the saturation by 10% instead.


 230, 188, 158

255, 255, 255


 255, 244, 213


 255, 255, 241

 230, 188, 158

 201, 161, 132

 173, 135, 106

 146, 109, 82

 119, 85, 59


 93, 62, 37


 68, 40, 16


 45, 19, 0

 17, 0, 0


 0, 0, 0

 230, 188, 158


 230, 188, 158

 230, 175, 135


 230, 201, 181

 230, 161, 112


 230, 215, 204

 230, 148, 89


 230, 228, 227

 230, 134, 66

 230, 242, 250

 230, 121, 43

 230, 255, 255

 230, 108, 20

 230, 96, 0

Harmonies

Analogous

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



240, 182, 174



230, 188, 158



211, 195, 153

Triad

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



230, 188, 158



142, 209, 197



202, 190, 233

Complementary

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



230, 188, 158



158, 200, 230

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.



173, 197, 239



230, 188, 158



135, 208, 219

Square

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



230, 188, 158



162, 207, 175



147, 204, 234



226, 183, 217

Rectangle

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



230, 188, 158



195, 200, 156



147, 204, 234



193, 192, 236

Sweetspot

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



230, 188, 158



255, 242, 232



230, 158, 200



128, 119, 113



0, 0, 0



128, 128, 128

Same Dimension

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



230, 188, 158



255, 198, 158



230, 224, 158



115, 108, 103



179, 74, 0



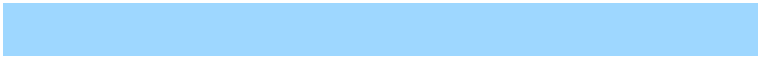
51, 21, 0

Inverse Universe

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



158, 200, 230



158, 215, 255



158, 164, 230



103, 110, 115



0, 104, 179



0, 30, 51

Previews

White Background



This preview shows how the RGB color 230, 188, 158 looks on a white background.

Color Contrast Check

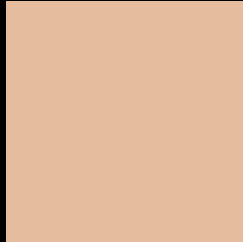
Large Text (above 18pt) WCAG AA × Fail

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 230, 188, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

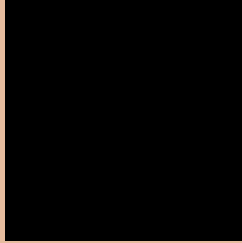
Any Text WCAG AA ✓ Pass

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 230, 188, 158 Background



This preview shows how black text looks on a background with the RGB color 230, 188, 158.







This preview shows how white text looks on a background with the RGB color 230, 188, 158.

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 230, 188, 158
	Protanopia 208, 196, 162
	Deuteranopia 228, 189, 158



Tritanopia
234, 183, 197

Trichromacy



Original Color

230, 188, 158

Protanomaly

216, 193, 161

Deuteranomaly

229, 189, 158

Tritanomaly

233, 185, 183

Monochromacy



Original Color

230, 188, 158

Achromatopsia

197, 197, 197

Achromatomaly

209, 194, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 188, 158 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(230, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 158)  
}
```

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(230, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 158) }
```

Border

The CSS property to change the border of an element to RGB 230, 188, 158 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(230, 188, 158) }
```

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

```
.border{ border-color:rgb(230, 188, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 230, 188, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 158) }
```

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

```
.background{ background-color: rgb(230,  
188, 158) }
```

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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