

Converting Colors

RGB(229, 202, 158)

Have a look what the booklet for
RGB(229, 202, 158) contains.

RGB(229, 202, 158)	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(229, 202, 158)

Conversions

Conversions Part 1

Format	Color
Hex	E5CA9E
RGB	229, 202, 158
RGB Percent	90%, 79%, 62%
CMY	0.1020, 0.2078, 0.3804
CMYK	0.00, 0.12, 0.31, 0.10
HSL	37°, 58%, 76%
HSV	37°, 31%, 90%
XYZ	59.6052, 61.3677, 41.0514
YIQ	205.0570, 30.2160, -7.9600

Conversions

Conversions Part 2

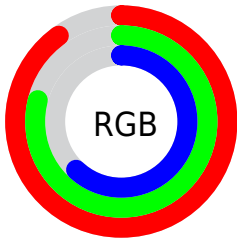
Format	Color
R _Y B	202, 229, 158
Decimal	15059614
CIE Lab	82.58, 3.08, 25.47
CIE LCh	83, 25.660, 83.109
Yxy	61.3677, 0.3679, 0.3788
Android (android.graphics.Color)	4293249694 (0xFFE5CA9E)
YUV	205.0570, -23.1991, 20.9980
Hunter-Lab	78.3375, -1.2742, 23.7664

Details

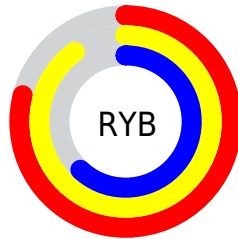
The RGB color **229, 202, 158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158, 185, 229**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 213**, and **173, 148, 106** is the 20% darker color. If you saturate the color by 10%, you get **229, 193, 135**, and if you desaturate by 10%, it is **229, 211, 181**.

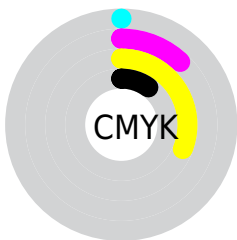
Distribution



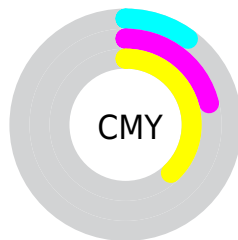
- Red (90%)
- Green (79%)
- Blue (62%)



- Red (79%)
- Yellow (90%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 202, 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 229, 202, 158 by changing the saturation by 10% instead.


 229, 202, 158

255, 255, 255


 255, 255, 213

 255, 255, 241


 229, 202, 158


 200, 175, 132

 173, 148, 106

 145, 122, 82

 119, 98, 58

 93, 74, 36

 68, 51, 14

 45, 30, 0

 20, 7, 0

 0, 0, 0

■ 229, 202, 158

■ 229, 202, 158

■ 229, 193, 135

■ 229, 211, 181

■ 229, 185, 112

■ 229, 219, 204

■ 229, 176, 89

■ 229, 228, 227

■ 229, 167, 66

■ 229, 237, 250

■ 229, 158, 43

■ 229, 246, 255

■ 229, 150, 21

■ 229, 254, 255

■ 229, 142, 0

■ 229, 255, 255

Harmonies

Analogous

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



247, 194, 168



229, 202, 158



204, 210, 161

Triad

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



229, 202, 158



138, 219, 223



231, 193, 235

Complementary

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



229, 202, 158



158, 185, 229

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.



202, 201, 250



229, 202, 158



144, 216, 243

Square

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



229, 202, 158



151, 219, 199



170, 209, 253



250, 189, 212

Rectangle

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



229, 202, 158



185, 214, 170



170, 209, 253



223, 196, 241

Sweetspot

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



229, 202, 158



255, 246, 232



229, 158, 185



128, 122, 113



0, 0, 0



128, 128, 128

Same Dimension

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



229, 202, 158



255, 219, 161



221, 229, 158



115, 110, 103



179, 111, 0



51, 32, 0

Inverse Universe

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



158, 185, 229



161, 197, 255



166, 158, 229



103, 108, 115



0, 68, 179



0, 19, 51

Previews

White Background



This preview shows how the RGB color 229, 202, 158 looks on a white background.

Color Contrast Check

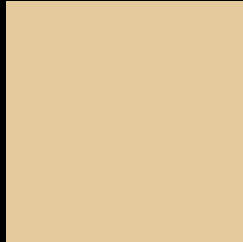
Large Text (above 18pt) WCAG AA × Fail

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 229, 202, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

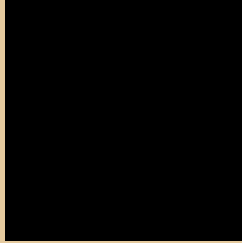
Any Text WCAG AA ✓ Pass

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 229, 202, 158 Background



This preview shows how black text looks on a background with the RGB color 229, 202, 158.



This preview shows how white text looks on a background with the RGB color 229, 202, 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
229, 202, 158

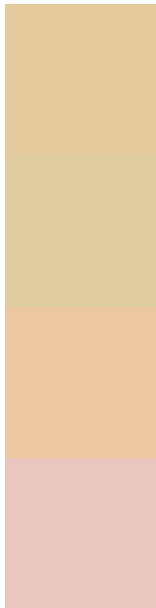
Protanopia
219, 205, 160

Deuteranopia
241, 197, 159



Tritanopia
235, 195, 210

Trichromacy



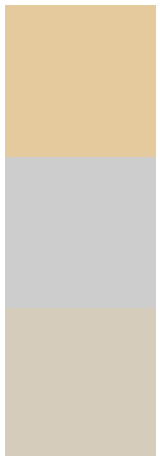
Original Color
229, 202, 158

Protanomaly
223, 204, 159

Deuteranomaly
237, 199, 159

Tritanomaly
233, 198, 191

Monochromacy



Original Color
229, 202, 158

Achromatopsia
205, 205, 205

Achromatomaly
214, 204, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 202, 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(229, 202, 158)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 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(229, 202, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 158) }
```

Border

The CSS property to change the border of an element to RGB 229, 202, 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(229, 202, 158) }
```

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

```
.border{ border-color:rgb(229, 202, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 158);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 229, 202, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 158) }
```

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

```
.background{ background-color: rgb(229,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor