

Converting Colors

RGB(228, 197, 131)

Have a look what the booklet for
RGB(228, 197, 131) contains.

RGB(228, 197, 131)	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(228, 197, 131)

Conversions

Conversions Part 1

Format	Color
Hex	E4C583
RGB	228, 197, 131
RGB Percent	89%, 77%, 51%
CMY	0.1059, 0.2275, 0.4863
CMYK	0.00, 0.14, 0.43, 0.11
HSL	41°, 64%, 70%
HSV	41°, 43%, 89%
XYZ	56.0579, 58.0652, 29.7259
YIQ	198.7450, 39.6620, -13.9540

Conversions

Conversions Part 2

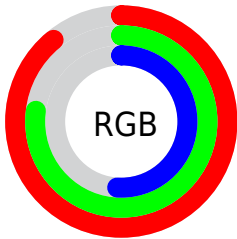
Format	Color
RYB	177, 228, 131
Decimal	14992771
CIELab	80.78, 2.18, 37.11
CIELCh	81, 37.173, 86.642
Yxy	58.0652, 0.3897, 0.4037
Android (android.graphics.Color)	4293182851 (0xFFE4C583)
YUV	198.7450, -33.3983, 25.6566
Hunter-Lab	76.2005, -2.0351, 30.2113

Details

The RGB color **228, 197, 131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **131, 162, 228**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 254, 185**, and **171, 143, 80** is the 20% darker color. If you saturate the color by 10%, you get **228, 190, 108**, and if you desaturate by 10%, it is **228, 204, 154**.

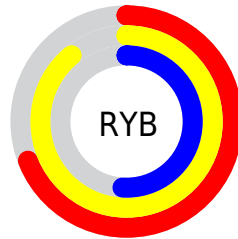
Distribution



Red (89%)

Green (77%)

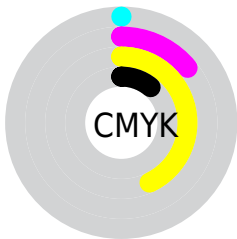
Blue (51%)



Red (69%)

Yellow (89%)

Blue (51%)

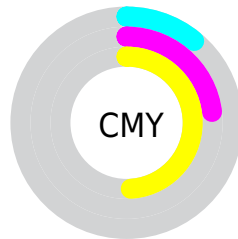


Cyan (0%)

Magenta (14%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 197, 131 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 228, 197, 131 by changing the saturation by 10% instead.


 228, 197, 131

255, 255, 255


 255, 254, 185


 255, 255, 213


 255, 255, 241

 228, 197, 131

 199, 170, 105

 171, 143, 80

 143, 118, 56

 116, 93, 32

 90, 70, 7

 65, 48, 0

 40, 27, 0

 10, 1, 0

 0, 0, 0

■ 228, 197, 131

■ 228, 197, 131

■ 228, 190, 108

■ 228, 204, 154

■ 228, 182, 85

■ 228, 212, 177

■ 228, 175, 63

■ 228, 219, 199

■ 228, 168, 40

■ 228, 226, 222

■ 228, 161, 17

■ 228, 233, 245

■ 228, 155, 0

■ 228, 241, 255

■ 228, 248, 255

■ 228, 255, 255

Harmonies

Analogous

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



255, 185, 144



228, 197, 131



192, 208, 137

Triad

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



228, 197, 131



81, 219, 230



241, 181, 239

Complementary

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



228, 197, 131



131, 162, 228

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.



200, 193, 255



228, 197, 131



97, 214, 255

Square

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



228, 197, 131



110, 219, 195



147, 205, 255



255, 174, 206

Rectangle

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



228, 197, 131



165, 213, 152



147, 205, 255



229, 185, 248

Sweetspot

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



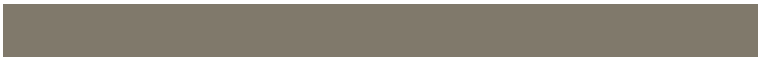
228, 197, 131



255, 244, 222



228, 131, 163



128, 121, 107



0, 0, 0



128, 128, 128

Same Dimension

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



228, 197, 131



255, 213, 125



212, 228, 131



115, 111, 103



179, 121, 0



51, 35, 0

Inverse Universe

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



131, 162, 228



125, 167, 255



147, 131, 228



103, 107, 115



0, 57, 179



0, 16, 51

Previews

White Background



This preview shows how the RGB color 228, 197, 131 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 228, 197, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

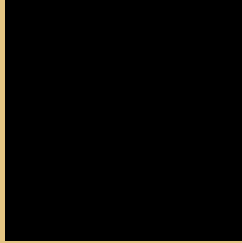
Any Text WCAG AA ✓ Pass

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 228, 197, 131 Background



This preview shows how black text looks on a background with the RGB color 228, 197, 131.



This preview shows how white text looks on a background with the RGB color 228, 197, 131.

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
228, 197, 131

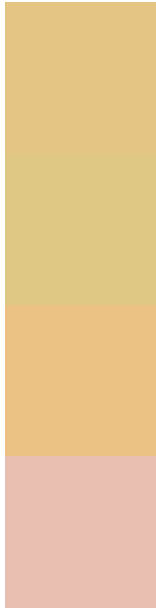
Protanopia
218, 201, 132

Deuteranopia
241, 192, 132



Tritanopia
235, 188, 203

Trichromacy



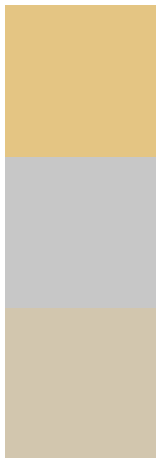
Original Color
228, 197, 131

Protanomaly
222, 200, 132

Deuteranomaly
236, 194, 132

Tritanomaly
232, 191, 177

Monochromacy



Original Color
228, 197, 131

Achromatopsia
199, 199, 199

Achromatomaly
210, 198, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 197, 131 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(228, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 131)  
}
```

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(228, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 131) }
```

Border

The CSS property to change the border of an element to RGB 228, 197, 131 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(228, 197, 131) }
```

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

```
.border{ border-color:rgb(228, 197, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 197, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 197, 131);  
box-shadow:4px 4px 4px 4px rgb(228, 197,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 228, 197, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 131) }
```

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

```
.background{ background-color: rgb(228,  
197, 131) }
```

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