

Converting Colors

RGB(249, 208, 161)

Have a look what the booklet for
RGB(249, 208, 161) contains.

RGB(249, 208, 161)	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(249, 208, 161)

Conversions

Conversions Part 1

Format	Color
Hex	F9D0A1
RGB	249, 208, 161
RGB Percent	98%, 82%, 63%
CMY	0.0235, 0.1843, 0.3686
CMYK	0.00, 0.16, 0.35, 0.02
HSL	32°, 88%, 80%
HSV	32°, 35%, 98%
XYZ	68.0558, 67.8247, 43.2228
YIQ	214.9010, 39.5230, -5.9250

Conversions

Conversions Part 2

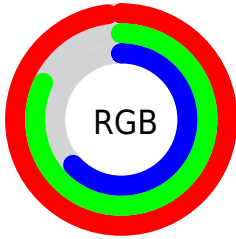
Format	Color
RYB	238, 249, 161
Decimal	16371873
CIELab	85.92, 8.01, 28.73
CIELCh	86, 29.830, 74.425
Yxy	67.8247, 0.3800, 0.3787
Android (android.graphics.Color)	4294561953 (0xFFFF9D0A1)
YUV	214.9010, -26.5732, 29.9048
Hunter-Lab	82.3558, 3.3834, 26.5319

Details

The RGB color **249, 208, 161** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **161, 202, 249**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 216**, and **191, 154, 109** is the 20% darker color. If you saturate the color by 10%, you get **249, 196, 136**, and if you desaturate by 10%, it is **249, 220, 186**.

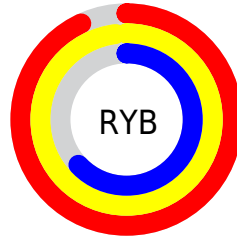
Distribution



Red (98%)

Green (82%)

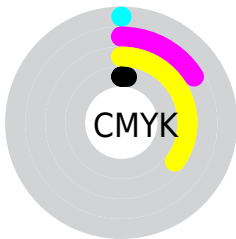
Blue (63%)



Red (93%)

Yellow (98%)

Blue (63%)

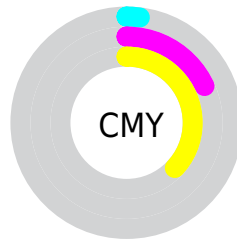


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 208, 161 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 249, 208, 161 by changing the saturation by 10% instead.


 249, 208, 161


255, 255, 255


 255, 255, 216

 255, 255, 245

 249, 208, 161

 220, 180, 135

 191, 154, 109

 163, 128, 84

 136, 103, 61

 109, 79, 38

 83, 56, 16

 59, 34, 0

 35, 14, 0

 0, 0, 0

■ 249, 208, 161

■ 249, 208, 161

■ 249, 196, 136

■ 249, 220, 186

■ 249, 185, 111

■ 249, 231, 211

■ 249, 173, 86

■ 249, 243, 236

■ 249, 162, 61

■ 249, 254, 255

■ 249, 150, 37

■ 249, 255, 255

■ 249, 138, 12

■ 249, 133, 0

Harmonies

Analogous

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



255, 199, 177



249, 208, 161



222, 217, 160

Triad

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



249, 208, 161



135, 231, 228



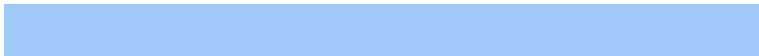
236, 203, 255

Complementary

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



249, 208, 161



161, 202, 249

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.



199, 213, 255



249, 208, 161



135, 228, 253

Square

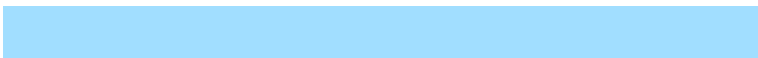
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 208, 161



158, 230, 199



161, 222, 255



255, 196, 231

Rectangle

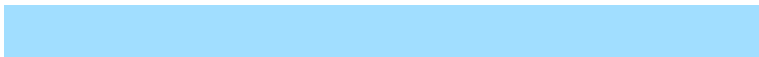
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 208, 161



200, 223, 168



161, 222, 255



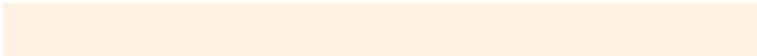
225, 206, 255

Sweetspot

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



249, 208, 161



255, 242, 227



249, 161, 202



128, 120, 111



0, 0, 0



128, 128, 128

Same Dimension

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



249, 208, 161



255, 205, 148



246, 249, 161



125, 119, 112



189, 101, 0



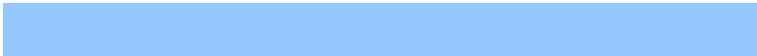
61, 33, 0

Inverse Universe

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



161, 202, 249



148, 198, 255



164, 161, 249



112, 118, 125



0, 88, 189



0, 29, 61

Previews

White Background



This preview shows how the RGB color 249, 208, 161 looks on a white background.

Color Contrast Check

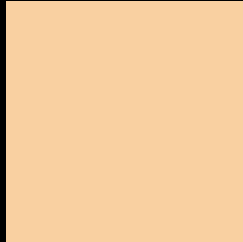
Large Text (above 18pt) WCAG AA × Fail

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 249, 208, 161 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 249, 208, 161 Background



This preview shows how black text looks on a background with the RGB color 249, 208, 161.



This preview shows how white text looks on a background with the RGB color 249, 208, 161.

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
249, 208, 161

Protanopia
230, 215, 164

Deuteranopia
253, 206, 161



Tritanopia
255, 201, 216

Trichromacy



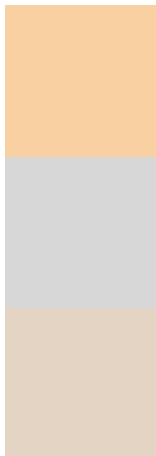
Original Color
249, 208, 161

Protanomaly
237, 212, 163

Deuteranomaly
252, 207, 161

Tritanomaly
253, 204, 196

Monochromacy



Original Color
249, 208, 161

Achromatopsia
215, 215, 215

Achromatomaly
227, 212, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 208, 161 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(249, 208, 161) looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 161)  
}
```

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(249, 208, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 161) }
```

Border

The CSS property to change the border of an element to RGB 249, 208, 161 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(249, 208, 161) }
```

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

```
.border{ border-color:rgb(249, 208, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 249, 208, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 161) }
```

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

```
.background{ background-color: rgb(249,  
208, 161) }
```

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