

Converting Colors

RGB(249, 205, 148)

Have a look what the booklet for
RGB(249, 205, 148) contains.

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Color

RGB(249, 205, 148)

Conversions

Conversions Part 1

Format	Color
Hex	F9CD94
RGB	249, 205, 148
RGB Percent	98%, 80%, 58%
CMY	0.0235, 0.1961, 0.4196
CMYK	0.00, 0.18, 0.41, 0.02
HSL	34°, 89%, 78%
HSV	34°, 41%, 98%
XYZ	66.2435, 65.9405, 37.2534
YIQ	211.6580, 44.5210, -8.3990

Conversions

Conversions Part 2

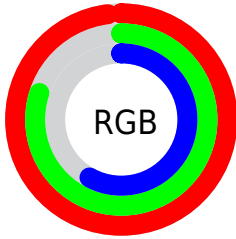
Format	Color
R _Y B	226, 249, 148
Decimal	16371092
CIE Lab	84.97, 8.11, 34.20
CIE LCh	85, 35.145, 76.660
Yxy	65.9405, 0.3910, 0.3892
Android (android.graphics.Color)	4294561172 (0xFFF9CD94)
YUV	211.6580, -31.3834, 32.7489
Hunter-Lab	81.2038, 3.5083, 29.6425

Details

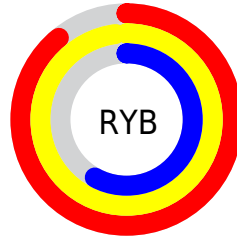
The RGB color **249, 205, 148** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **148, 192, 249**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 203**, and **191, 151, 97** is the 20% darker color. If you saturate the color by 10%, you get **249, 194, 123**, and if you desaturate by 10%, it is **249, 216, 173**.

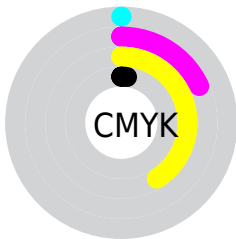
Distribution



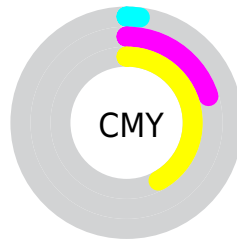
- Red (98%)
- Green (80%)
- Blue (58%)



- Red (89%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 205, 148 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, 205, 148 by changing the saturation by 10% instead.


 249, 205, 148

 249, 205, 148


255, 255, 255

 220, 178, 122

 255, 255, 203

 191, 151, 97

 255, 255, 231

 163, 125, 72

 135, 100, 48

 108, 76, 25

 82, 54, 1

 57, 32, 0

 33, 11, 0

 0, 0, 0

 249, 205, 148


 249, 205, 148

 249, 194, 123

 249, 216, 173

 249, 183, 98


 249, 227, 198

 249, 172, 73

 249, 238, 223

 249, 162, 48

 249, 248, 248

 249, 151, 23

 249, 255, 255

 249, 141, 0

Harmonies

Analogous

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



255, 194, 165



249, 205, 148



217, 216, 148

Triad

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



249, 205, 148



111, 231, 230



240, 197, 255

Complementary

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



249, 205, 148



148, 192, 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.



196, 209, 255



249, 205, 148



111, 227, 255

Square

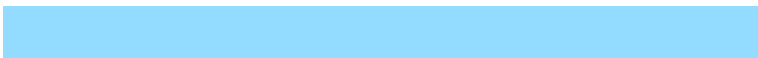
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 205, 148



141, 230, 196



147, 220, 255



255, 189, 228

Rectangle

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



249, 205, 148



192, 222, 158



147, 220, 255



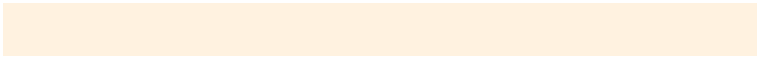
226, 201, 255

Sweetspot

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



249, 205, 148



255, 242, 224



249, 148, 193



128, 120, 110



0, 0, 0



128, 128, 128

Same Dimension

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



249, 205, 148



255, 201, 130



244, 249, 148



125, 120, 112



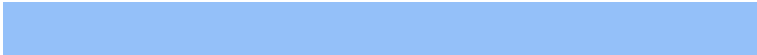
189, 106, 0



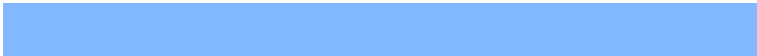
61, 35, 0

Inverse Universe

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



148, 192, 249



130, 184, 255



153, 148, 249



112, 118, 125



0, 82, 189



0, 27, 61

Previews

White Background



This preview shows how the RGB color 249, 205, 148 looks on a white background.

Color Contrast Check

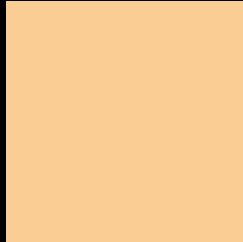
Large Text (above 18pt) WCAG AA × Fail

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, 205, 148 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, 205, 148 Background



This preview shows how black text looks on a background with the RGB color 249, 205, 148.




This preview shows how white text looks on a background with the RGB color 249, 205, 148.

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](#).

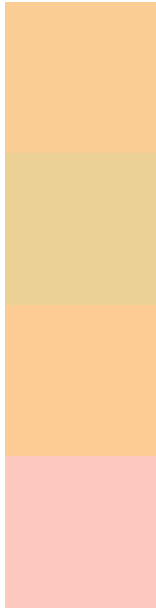
Dichromacy

	Original Color 249, 205, 148
	Protanopia 229, 212, 151
	Deuteranopia 253, 203, 148



Tritanopia
255, 197, 212

Trichromacy



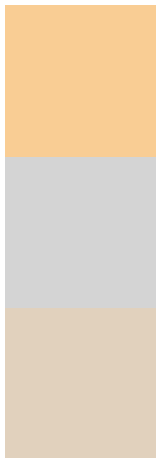
Original Color
249, 205, 148

Protanomaly
236, 209, 150

Deuteranomaly
252, 204, 148

Tritanomaly
253, 200, 189

Monochromacy



Original Color
249, 205, 148

Achromatopsia
212, 212, 212

Achromatomaly
225, 209, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 205, 148 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, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 148)  
}
```

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, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 148) }
```

Border

The CSS property to change the border of an element to RGB 249, 205, 148 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, 205, 148) }
```

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

```
.border{ border-color:rgb(249, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 205, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 205, 148); box-shadow:4px 4px 4px 4px rgb(249, 205, 148) }
```

Background

The CSS property to change the background color of an element to RGB 249, 205, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 148) }
```

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

```
.background{ background-color: rgb(249,  
205, 148) }
```

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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