

Converting Colors

RGB(249, 192, 134)

Have a look what the booklet for
RGB(249, 192, 134) contains.

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Color

RGB(249, 192, 134)

Conversions

Conversions Part 1

Format	Color
Hex	F9C086
RGB	249, 192, 134
RGB Percent	98%, 75%, 53%
CMY	0.0235, 0.2471, 0.4745
CMYK	0.00, 0.23, 0.46, 0.02
HSL	30°, 91%, 75%
HSV	30°, 46%, 98%
XYZ	62.2196, 59.5602, 30.7712
YIQ	202.4310, 52.5900, -5.9540

Conversions

Conversions Part 2

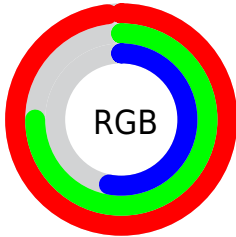
Format	Color
R _Y B	247, 249, 134
Decimal	16367750
CIE Lab	81.60, 13.46, 37.03
CIE LCh	82, 39.396, 70.023
Yxy	59.5602, 0.4079, 0.3904
Android (android.graphics.Color)	4294557830 (0xFFF9C086)
YUV	202.4310, -33.7365, 40.8410
Hunter-Lab	77.1753, 8.8521, 30.3827

Details

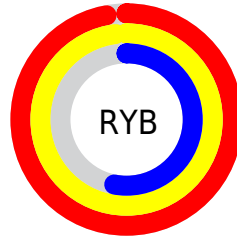
The RGB color **249, 192, 134** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **134, 191, 249**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 248, 188**, and **190, 139, 83** is the 20% darker color. If you saturate the color by 10%, you get **249, 180, 109**, and if you desaturate by 10%, it is **249, 204, 159**.

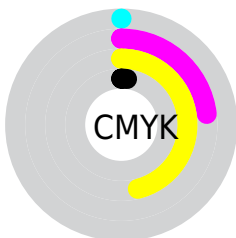
Distribution



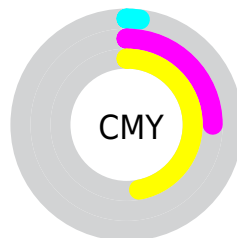
- Red (98%)
- Green (75%)
- Blue (53%)



- Red (97%)
- Yellow (98%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 192, 134 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, 192, 134 by changing the saturation by 10% instead.

 249, 192, 134

 249, 192, 134

255, 255, 255

 219, 165, 108

 255, 248, 188

 190, 139, 83

 255, 255, 216

 162, 113, 59

 255, 255, 244

 134, 89, 36

 106, 65, 11

 80, 43, 0

 54, 22, 0

 31, 0, 0


 0, 0, 0

 249, 192, 134


 249, 192, 134

 249, 180, 109


 249, 204, 159

 249, 167, 84


 249, 217, 184

 249, 155, 59

 249, 229, 209

 249, 143, 34

 249, 241, 234

 249, 130, 10

 249, 254, 255

 249, 126, 0

 249, 255, 255

Harmonies

Analogous

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



255, 180, 157



249, 192, 134



216, 205, 129

Triad

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



249, 192, 134



86, 223, 214



223, 189, 255

Complementary

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



249, 192, 134



134, 191, 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.



171, 202, 255



249, 192, 134



69, 221, 249

Square

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



249, 192, 134



130, 221, 176



112, 213, 255



255, 178, 229

Rectangle

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



249, 192, 134



189, 212, 138



112, 213, 255



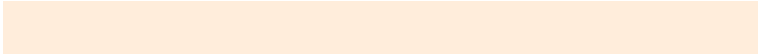
207, 193, 255

Sweetspot

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



249, 192, 134



255, 237, 219



249, 134, 192



128, 117, 106



0, 0, 0



128, 128, 128

Same Dimension

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



249, 192, 134



255, 185, 115



249, 249, 134



125, 119, 112



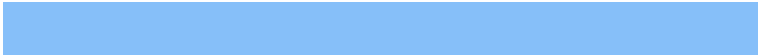
189, 95, 0



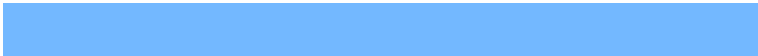
61, 31, 0

Inverse Universe

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



134, 191, 249



115, 184, 255



134, 134, 249



112, 119, 125



0, 94, 189



0, 30, 61

Previews

White Background



This preview shows how the RGB color 249, 192, 134 looks on a white background.

Color Contrast Check

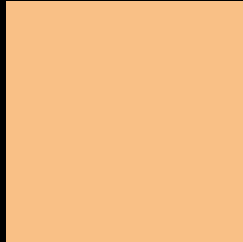
Large Text (above 18pt) WCAG AA × Fail

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, 192, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

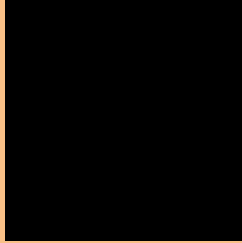
Any Text WCAG AA ✓ Pass

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, 192, 134 Background



This preview shows how black text looks on a background with the RGB color 249, 192, 134.

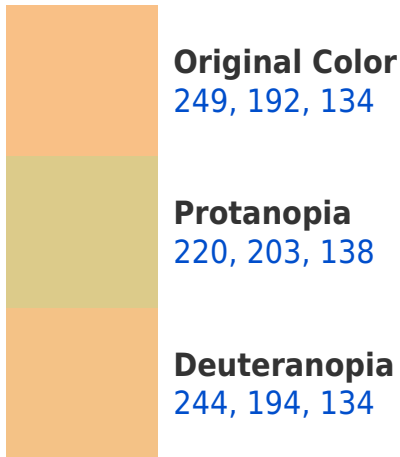



This preview shows how white text looks on a background with the RGB color 249, 192, 134.

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





Tritanopia
255, 184, 198

Trichromacy



Original Color

249, 192, 134

Protanomaly

231, 199, 137

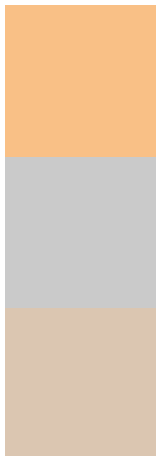
Deuteranomaly

246, 193, 134

Tritanomaly

253, 187, 175

Monochromacy



Original Color

249, 192, 134

Achromatopsia

202, 202, 202

Achromatomaly

219, 198, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 192, 134 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, 192, 134)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 134)  
}
```

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, 192, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 134) }
```

Border

The CSS property to change the border of an element to RGB 249, 192, 134 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, 192, 134) }
```

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

```
.border{ border-color:rgb(249, 192, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 192, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 134);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 249, 192, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 134) }
```

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

```
.background{ background-color: rgb(249,  
192, 134) }
```

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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