

Converting Colors

RGB(249, 172, 128)

Have a look what the booklet for
RGB(249, 172, 128) contains.

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Color

RGB(249, 172, 128)

Conversions

Conversions Part 1

Format	Color
Hex	F9AC80
RGB	249, 172, 128
RGB Percent	98%, 67%, 50%
CMY	0.0235, 0.3255, 0.4980
CMYK	0.00, 0.31, 0.49, 0.02
HSL	22°, 91%, 74%
HSV	22°, 49%, 98%
XYZ	57.7157, 51.2033, 27.2634
YIQ	190.0070, 60.0160, 2.6400

Conversions

Conversions Part 2

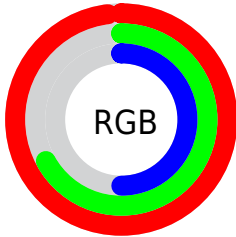
Format	Color
R _Y B	249, 197, 128
Decimal	16362624
CIE Lab	76.80, 23.40, 33.95
CIE LCh	77, 41.227, 55.425
Yxy	51.2033, 0.4238, 0.3760
Android (android.graphics.Color)	4294552704 (0xFFF9AC80)
YUV	190.0070, -30.5695, 51.7369
Hunter-Lab	71.5565, 18.7499, 27.4998

Details

The RGB color **249, 172, 128** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **128, 205, 249**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 228, 181**, and **190, 119, 78** is the 20% darker color. If you saturate the color by 10%, you get **249, 156, 103**, and if you desaturate by 10%, it is **249, 188, 153**.

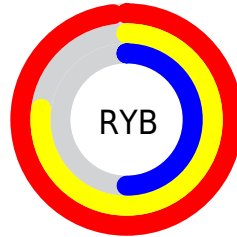
Distribution



Red (98%)

Green (67%)

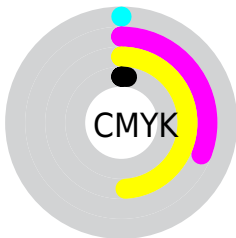
Blue (50%)



Red (98%)

Yellow (77%)

Blue (50%)

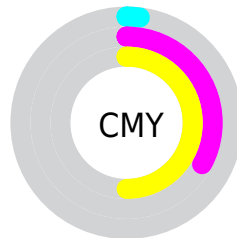


Cyan (0%)

Magenta (31%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 172, 128 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, 172, 128 by changing the saturation by 10% instead.

 249, 172, 128

 249, 172, 128

255, 255, 255

 219, 145, 103

 255, 228, 181

 190, 119, 78

 255, 255, 209

 161, 94, 54

 255, 255, 237

 132, 70, 32

 105, 47, 9

 78, 25, 0

 51, 3, 0

 21, 0, 0

 0, 0, 0

 249, 172, 128

 249, 172, 128

 249, 156, 103

 249, 188, 153

 249, 140, 78

 249, 204, 178

 249, 124, 53

 249, 220, 203

 249, 109, 28

 249, 235, 228

 249, 93, 3

 249, 251, 252

 249, 91, 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, 162, 159



249, 172, 128



220, 185, 113

Triad

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



249, 172, 128



85, 210, 182



185, 182, 255

Complementary

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



249, 172, 128



128, 205, 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.



123, 195, 255



249, 172, 128



23, 209, 221

Square

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



249, 172, 128



137, 205, 145



52, 205, 251



232, 168, 233

Rectangle

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



249, 172, 128



195, 194, 115



52, 205, 251



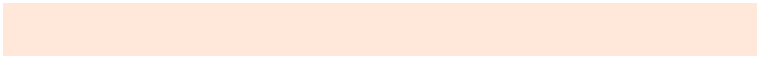
166, 187, 255

Sweetspot

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



249, 172, 128



255, 231, 217



249, 128, 207



128, 113, 105



0, 0, 0



128, 128, 128

Same Dimension

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



249, 172, 128



255, 161, 107



249, 231, 128



125, 117, 112



189, 69, 0



61, 22, 0

Inverse Universe

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



128, 205, 249



107, 201, 255



128, 146, 249



112, 120, 125



0, 120, 189



0, 39, 61

Previews

White Background



This preview shows how the RGB color 249, 172, 128 looks on a white background.

Color Contrast Check

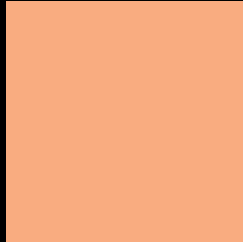
Large Text (above 18pt) WCAG AA × Fail

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, 172, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

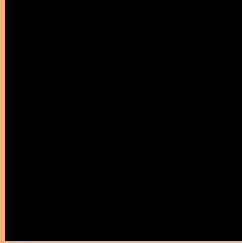
Any Text WCAG AA ✓ Pass

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, 172, 128 Background



This preview shows how black text looks on a background with the RGB color 249, 172, 128.

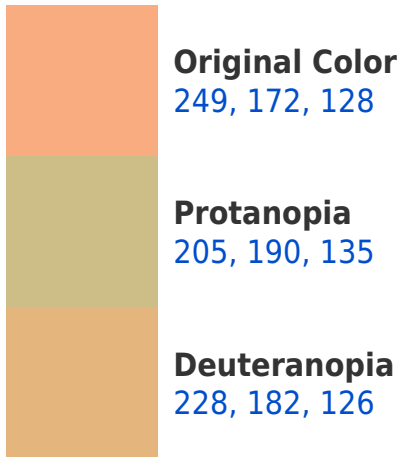



This preview shows how white text looks on a background with the RGB color 249, 172, 128.

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
253, 165, 178

Trichromacy



Original Color

249, 172, 128



Protanomaly

221, 183, 132



Deuteranomaly

236, 178, 127



Tritanomaly

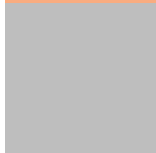
252, 168, 160

Monochromacy



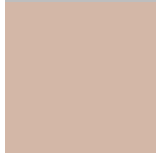
Original Color

249, 172, 128



Achromatopsia

190, 190, 190



Achromatomaly

211, 183, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 172, 128 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, 172, 128)` looks like.

```
.text, #text, p{  
    color:rgb(249, 172, 128)  
}
```

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, 172, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 172, 128) }
```

Border

The CSS property to change the border of an element to RGB 249, 172, 128 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, 172, 128) }
```

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

```
.border{ border-color:rgb(249, 172, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 172, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 172, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 172, 128);  
box-shadow:4px 4px 4px 4px rgb(249, 172,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 249, 172, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 172, 128) }
```

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

```
.background{ background-color: rgb(249,  
172, 128) }
```

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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