

Converting Colors

RGB(245, 168, 129)

Have a look what the booklet for
RGB(245, 168, 129) contains.

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Color

RGB(245, 168, 129)

Conversions

Conversions Part 1

Format	Color
Hex	F5A881
RGB	245, 168, 129
RGB Percent	96%, 66%, 51%
CMY	0.0392, 0.3412, 0.4941
CMYK	0.00, 0.31, 0.47, 0.04
HSL	20°, 85%, 73%
HSV	20°, 47%, 96%
XYZ	55.6213, 49.0027, 27.2958
YIQ	186.5770, 58.4110, 4.1950

Conversions

Conversions Part 2

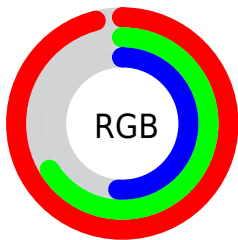
Format	Color
R _Y B	245, 188, 129
Decimal	16099457
CIE Lab	75.45, 24.03, 31.57
CIE LCh	75, 39.672, 52.728
Yxy	49.0027, 0.4216, 0.3715
Android (android.graphics.Color)	4294289537 (0xFFFF5A881)
YUV	186.5770, -28.3855, 51.2370
Hunter-Lab	70.0019, 19.3269, 25.8825

Details

The RGB color **245, 168, 129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129, 206, 245**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 223, 182**, and **186, 116, 79** is the 20% darker color. If you saturate the color by 10%, you get **245, 152, 105**, and if you desaturate by 10%, it is **245, 184, 154**.

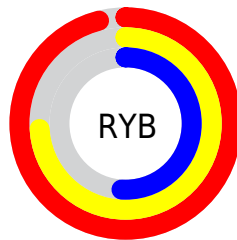
Distribution



Red (96%)

Green (66%)

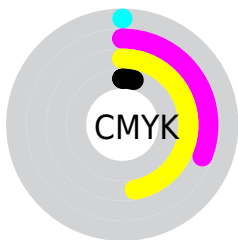
Blue (51%)



Red (96%)

Yellow (74%)

Blue (51%)

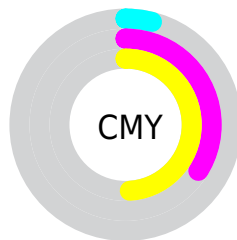


Cyan (0%)

Magenta (31%)

Yellow (47%)

Black (4%)



Cyan (4%)


Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 168, 129 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 245, 168, 129 by changing the saturation by 10% instead.

 245, 168, 129

 245, 168, 129

255, 255, 255

 215, 141, 104

 255, 223, 182


 186, 116, 79

 255, 252, 210

 157, 91, 56


 255, 255, 238

 129, 67, 33

 101, 43, 11

 75, 21, 0

 48, 0, 0

 11, 0, 0

 0, 0, 0

245, 168, 129

245, 168, 129

245, 152, 105

245, 184, 154

245, 135, 80

245, 201, 178

245, 119, 55

245, 217, 203

245, 103, 31

245, 233, 227

245, 87, 6

245, 249, 252

245, 82, 0

245, 255, 255

Harmonies

Analogous

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



255, 159, 159



245, 168, 129



218, 181, 113

Triad

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



245, 168, 129



92, 205, 175



177, 180, 253

Complementary

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



245, 168, 129



129, 206, 245

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.



118, 192, 255



245, 168, 129



41, 205, 213

Square

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



245, 168, 129



139, 201, 140



54, 201, 243



223, 167, 231

Rectangle

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



245, 168, 129



195, 189, 113



54, 201, 243



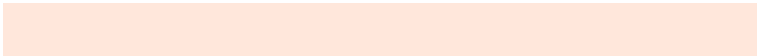
159, 184, 255

Sweetspot

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



245, 168, 129



255, 231, 219



245, 129, 206



128, 113, 106



0, 0, 0



128, 128, 128

Same Dimension

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



245, 168, 129



255, 159, 110



245, 226, 129



122, 114, 110



186, 63, 0



59, 20, 0

Inverse Universe

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



129, 206, 245



110, 206, 255



129, 148, 245



110, 118, 122



0, 124, 186



0, 39, 59

Previews

White Background



This preview shows how the RGB color 245, 168, 129 looks on a white background.

Color Contrast Check

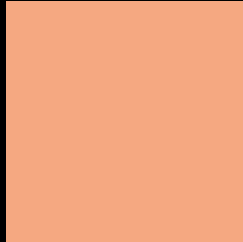
Large Text (above 18pt) WCAG AA × Fail

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 245, 168, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

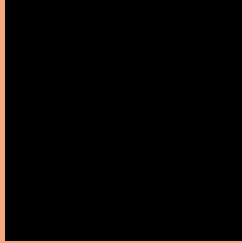
Any Text WCAG AA ✓ Pass

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 245, 168, 129 Background



This preview shows how black text looks on a background with the RGB color 245, 168, 129.



This preview shows how white text looks on a background with the RGB color 245, 168, 129.

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
245, 168, 129

Protanopia
200, 186, 137

Deuteranopia
223, 178, 127



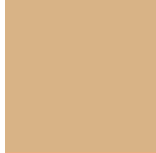
Tritanopia
249, 162, 174

Trichromacy



Original Color

245, 168, 129



Protanomaly

216, 179, 134



Deuteranomaly

231, 174, 128



Tritanomaly

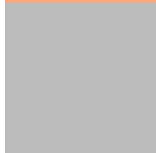
248, 164, 158

Monochromacy



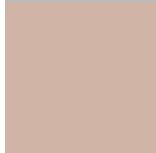
Original Color

245, 168, 129



Achromatopsia

187, 187, 187



Achromatomaly

208, 180, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 168, 129 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(245, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(245, 168, 129)  
}
```

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(245, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 168, 129) }
```

Border

The CSS property to change the border of an element to RGB 245, 168, 129 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(245, 168, 129) }
```

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

```
.border{ border-color:rgb(245, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(245, 168,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 245, 168, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 168, 129) }
```

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

```
.background{ background-color: rgb(245,  
168, 129) }
```

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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