

Converting Colors

RGB(245, 190, 127)

Have a look what the booklet for
RGB(245, 190, 127) contains.

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Color

RGB(245, 190, 127)

Conversions

Conversions Part 1

Format	Color
Hex	F5BE7F
RGB	245, 190, 127
RGB Percent	96%, 75%, 50%
CMY	0.0392, 0.2549, 0.5020
CMYK	0.00, 0.22, 0.48, 0.04
HSL	32°, 86%, 73%
HSV	32°, 48%, 96%
XYZ	59.9004, 57.7717, 28.0726
YIQ	199.2630, 53.0030, -7.9330

Conversions

Conversions Part 2

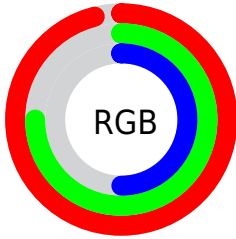
Format	Color
R_{YB}	230, 245, 127
Decimal	16105087
CIE _{Lab}	80.61, 12.25, 39.28
CIE _{LCh}	81, 41.145, 72.678
Yxy	57.7717, 0.4110, 0.3964
Android (android.graphics.Color)	4294295167 (0xFFFF5BE7F)
YUV	199.2630, -35.6257, 40.1113
Hunter-Lab	76.0077, 7.6594, 31.3073

Details

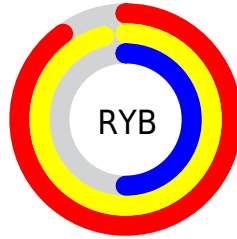
The RGB color **245, 190, 127** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **127, 182, 245**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 246, 181**, and **186, 137, 77** is the 20% darker color. If you saturate the color by 10%, you get **245, 179, 103**, and if you desaturate by 10%, it is **245, 201, 152**.

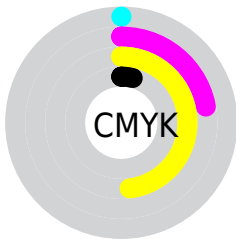
Distribution



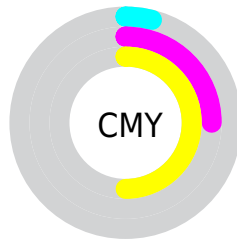
- Red (96%)
- Green (75%)
- Blue (50%)



- Red (90%)
- Yellow (96%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 190, 127 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, 190, 127 by changing the saturation by 10% instead.

 245, 190, 127

 245, 190, 127

255, 255, 255

 215, 163, 101

 255, 246, 181

 186, 137, 77

 255, 255, 208

 158, 111, 52

 255, 255, 237

 130, 87, 29

 102, 64, 3

 76, 42, 0

 50, 21, 0

 27, 0, 0


 0, 0, 0

 245, 190, 127


 245, 190, 127

 245, 179, 103


 245, 201, 152

 245, 167, 78

 245, 213, 176

 245, 156, 54

 245, 224, 201

 245, 144, 29

 245, 236, 225

 245, 133, 5

 245, 247, 250

 245, 131, 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, 177, 150



245, 190, 127



209, 203, 124

Triad

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



245, 190, 127



68, 221, 216



225, 184, 255

Complementary

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



245, 190, 127



127, 182, 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.



172, 198, 255



245, 190, 127



50, 218, 251

Square

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



245, 190, 127



119, 219, 176



107, 210, 255



255, 173, 224

Rectangle

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



245, 190, 127



182, 210, 134



107, 210, 255



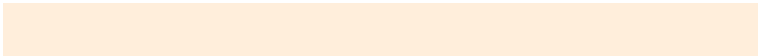
209, 189, 255

Sweetspot

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



245, 190, 127



255, 238, 219



245, 127, 182



128, 117, 106



0, 0, 0



128, 128, 128

Same Dimension

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



245, 190, 127



255, 186, 107



241, 245, 127



122, 117, 110



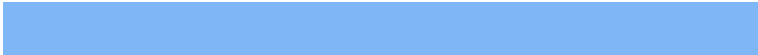
186, 99, 0



59, 31, 0

Inverse Universe

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



127, 182, 245



107, 176, 255



131, 127, 245



110, 116, 122



0, 87, 186



0, 27, 59

Previews

White Background



This preview shows how the RGB color 245, 190, 127 looks on a white background.

Color Contrast Check

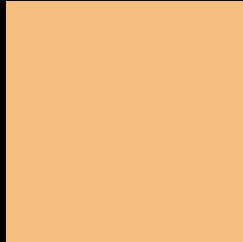
Large Text (above 18pt) WCAG AA × Fail

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, 190, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

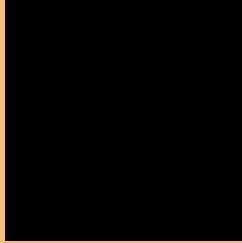
Any Text WCAG AA ✓ Pass

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, 190, 127 Background



This preview shows how black text looks on a background with the RGB color 245, 190, 127.



This preview shows how white text looks on a background with the RGB color 245, 190, 127.

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, 190, 127

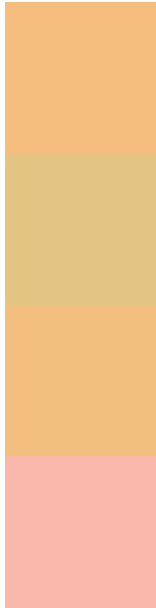
Protanopia
218, 200, 131

Deuteranopia
242, 191, 127



Tritanopia
251, 181, 195

Trichromacy



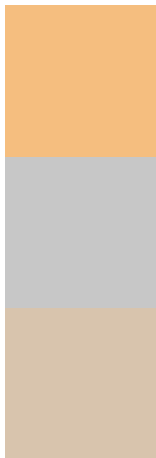
Original Color
245, 190, 127

Protanomaly
228, 196, 130

Deuteranomaly
243, 191, 127

Tritanomaly
249, 184, 170

Monochromacy



Original Color
245, 190, 127

Achromatopsia
199, 199, 199

Achromatomaly
216, 196, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 190, 127 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, 190, 127)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 127)  
}
```

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, 190, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 127) }
```

Border

The CSS property to change the border of an element to RGB 245, 190, 127 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, 190, 127) }
```

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

```
.border{ border-color:rgb(245, 190, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 127);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 245, 190, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 127) }
```

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

```
.background{ background-color: rgb(245,  
190, 127) }
```

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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