

Converting Colors

RGB(246, 180, 123)

Have a look what the booklet for
RGB(246, 180, 123) contains.

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Color

RGB(246, 180, 123)

Conversions

Conversions Part 1

Format	Color
Hex	F6B47B
RGB	246, 180, 123
RGB Percent	96%, 71%, 48%
CMY	0.0353, 0.2941, 0.5176
CMYK	0.00, 0.27, 0.50, 0.04
HSL	28°, 87%, 72%
HSV	28°, 50%, 96%
XYZ	57.9024, 53.6654, 26.0456
YIQ	193.2360, 57.6330, -3.7350

Conversions

Conversions Part 2

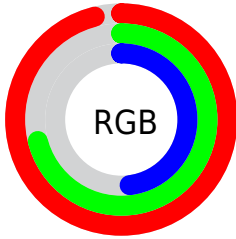
Format	Color
R_{YB}	246, 229, 123
Decimal	16168059
CIE _{Lab}	78.27, 17.54, 38.38
CIE _{LCh}	78, 42.194, 65.436
Yxy	53.6654, 0.4208, 0.3900
Android (android.graphics.Color)	4294358139 (0xFFFF6B47B)
YUV	193.2360, -34.6263, 46.2740
Hunter-Lab	73.2567, 12.8881, 30.1998

Details

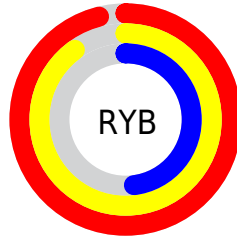
The RGB color **246, 180, 123** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **123, 189, 246**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 236, 176**, and **187, 127, 73** is the 20% darker color. If you saturate the color by 10%, you get **246, 167, 98**, and if you desaturate by 10%, it is **246, 193, 148**.

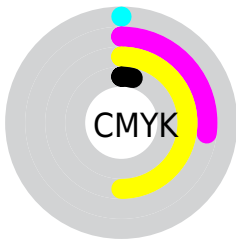
Distribution



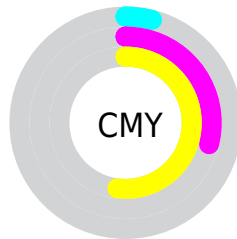
- Red (96%)
- Green (71%)
- Blue (48%)



- Red (96%)
- Yellow (90%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 180, 123 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 246, 180, 123 by changing the saturation by 10% instead.

 246, 180, 123

 246, 180, 123


255, 255, 255

 216, 153, 98

 255, 236, 176

 187, 127, 73

 255, 255, 204

 158, 102, 49

 255, 255, 232

 130, 78, 26

 102, 55, 0

 76, 33, 0

 49, 12, 0

 22, 0, 0

 0, 0, 0

■ 246, 180, 123

■ 246, 180, 123

■ 246, 167, 98

■ 246, 193, 148

■ 246, 154, 74

■ 246, 206, 172

■ 246, 140, 49

■ 246, 220, 197

■ 246, 127, 25

■ 246, 233, 221

■ 246, 114, 0

■ 246, 246, 246

■ 246, 255, 255

Harmonies

Analogous

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



255, 168, 150



246, 180, 123



212, 194, 115

Triad

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



246, 180, 123



65, 215, 200



207, 181, 255

Complementary

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



246, 180, 123



123, 189, 246

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.



148, 195, 255



246, 180, 123



0, 213, 238

Square

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



246, 180, 123



122, 212, 160



76, 206, 255



249, 168, 227

Rectangle

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



246, 180, 123



185, 201, 121



76, 206, 255



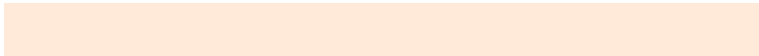
189, 186, 255

Sweetspot

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



246, 180, 123



255, 234, 217



246, 123, 191



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



246, 180, 123



255, 173, 102



246, 240, 123



122, 116, 110



186, 86, 0



59, 27, 0

Inverse Universe

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



123, 189, 246



102, 184, 255



123, 129, 246



110, 117, 122



0, 100, 186



0, 31, 59

Previews

White Background



This preview shows how the RGB color 246, 180, 123 looks on a white background.

Color Contrast Check

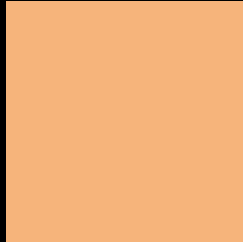
Large Text (above 18pt) WCAG AA × Fail

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 246, 180, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

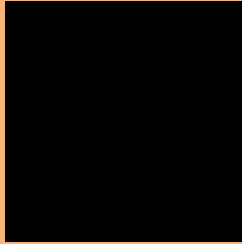
Any Text WCAG AA ✓ Pass

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 246, 180, 123 Background



This preview shows how black text looks on a background with the RGB color 246, 180, 123.



This preview shows how white text looks on a background with the RGB color 246, 180, 123.

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
246, 180, 123

Protanopia
210, 194, 128

Deuteranopia
234, 185, 122



Tritanopia
251, 172, 185

Trichromacy



Original Color
246, 180, 123

Protanomaly
223, 189, 126

Deuteranomaly
238, 183, 122

Tritanomaly
249, 175, 162

Monochromacy



Original Color
246, 180, 123

Achromatopsia
193, 193, 193

Achromatomaly
212, 188, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 180, 123 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(246, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 123)  
}
```

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(246, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 123) }
```

Border

The CSS property to change the border of an element to RGB 246, 180, 123 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(246, 180, 123) }
```

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

```
.border{ border-color:rgb(246, 180, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 180, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 180, 123); box-shadow:4px 4px 4px 4px rgb(246, 180, 123) }
```

Background

The CSS property to change the background color of an element to RGB 246, 180, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 123) }
```

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

```
.background{ background-color: rgb(246,  
180, 123) }
```

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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