

Converting Colors

RGB(246, 193, 131)

Have a look what the booklet for
RGB(246, 193, 131) contains.

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Color

RGB(246, 193, 131)

Conversions

Conversions Part 1

Format	Color
Hex	F6C183
RGB	246, 193, 131
RGB Percent	96%, 76%, 51%
CMY	0.0353, 0.2431, 0.4863
CMYK	0.00, 0.22, 0.47, 0.04
HSL	32°, 86%, 74%
HSV	32°, 47%, 96%
XYZ	61.1727, 59.3715, 29.7084
YIQ	201.7790, 51.4900, -8.0460

Conversions

Conversions Part 2

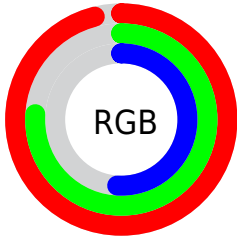
Format	Color
R_{YB}	229, 246, 131
Decimal	16171395
CIE _{Lab}	81.50, 11.46, 38.38
CIE _{LCh}	81, 40.050, 73.379
Yxy	59.3715, 0.4071, 0.3951
Android (android.graphics.Color)	4294361475 (0xFFFF6C183)
YUV	201.7790, -34.8940, 38.7818
Hunter-Lab	77.0529, 6.8697, 31.0772

Details

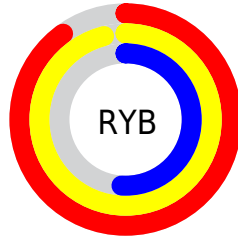
The RGB color **246, 193, 131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **131, 184, 246**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 249, 185**, and **187, 140, 80** is the 20% darker color. If you saturate the color by 10%, you get **246, 182, 106**, and if you desaturate by 10%, it is **246, 204, 156**.

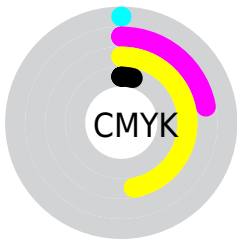
Distribution



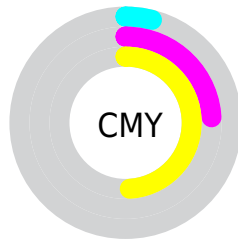
- Red (96%)
- Green (76%)
- Blue (51%)



- Red (90%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 193, 131 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, 193, 131 by changing the saturation by 10% instead.

 246, 193, 131

 246, 193, 131

255, 255, 255

 216, 166, 105


 255, 249, 185

 187, 140, 80

 255, 255, 213

 159, 114, 56

 255, 255, 241

 131, 90, 32

 104, 66, 7

 78, 44, 0


 51, 23, 0

 28, 0, 0


 0, 0, 0

 246, 193, 131


 246, 193, 131

 246, 182, 106


 246, 204, 156

 246, 170, 82

 246, 216, 180

 246, 159, 57

 246, 227, 205

 246, 148, 33

 246, 238, 229

 246, 136, 8

 246, 250, 254

 246, 133, 0

 246, 255, 255

Harmonies

Analogous

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



255, 181, 153



246, 193, 131



211, 206, 129

Triad

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



246, 193, 131



77, 223, 219



228, 187, 255

Complementary

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



246, 193, 131



131, 184, 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.



177, 200, 255



246, 193, 131



66, 220, 253

Square

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



246, 193, 131



123, 221, 180



116, 212, 255



255, 176, 225

Rectangle

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



246, 193, 131



184, 213, 139



116, 212, 255



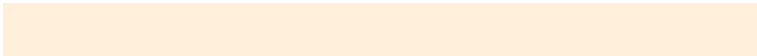
213, 191, 255

Sweetspot

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



246, 193, 131



255, 239, 219



246, 131, 185



128, 118, 106



0, 0, 0



128, 128, 128

Same Dimension

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



246, 193, 131



255, 189, 112



242, 246, 131



122, 117, 110



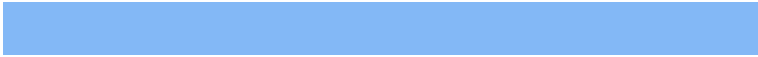
186, 100, 0



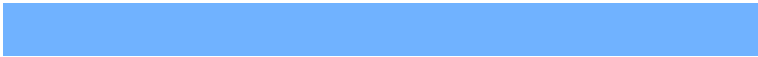
59, 32, 0

Inverse Universe

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



131, 184, 246



112, 178, 255



135, 131, 246



110, 116, 122



0, 86, 186



0, 27, 59

Previews

White Background



This preview shows how the RGB color 246, 193, 131 looks on a white background.

Color Contrast Check

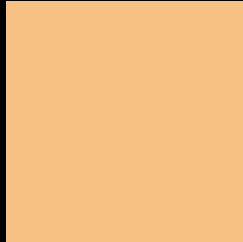
Large Text (above 18pt) WCAG AA × Fail

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, 193, 131 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, 193, 131 Background



This preview shows how black text looks on a background with the RGB color 246, 193, 131.

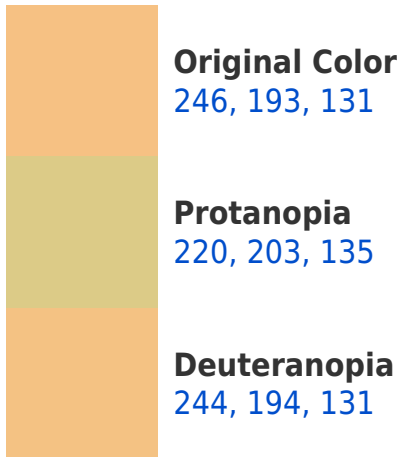



This preview shows how white text looks on a background with the RGB color 246, 193, 131.

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
252, 184, 199

Trichromacy



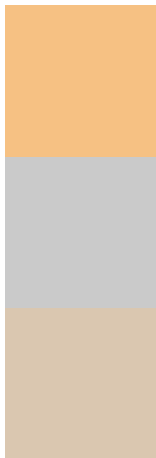
Original Color
246, 193, 131

Protanomaly
229, 199, 134

Deuteranomaly
245, 194, 131

Tritanomaly
250, 187, 174

Monochromacy



Original Color
246, 193, 131

Achromatopsia
202, 202, 202

Achromatomaly
218, 199, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 193, 131 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, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 131)  
}
```

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, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 131) }
```

Border

The CSS property to change the border of an element to RGB 246, 193, 131 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, 193, 131) }
```

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

```
.border{ border-color:rgb(246, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 246, 193, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 131) }
```

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

```
.background{ background-color: rgb(246,  
193, 131) }
```

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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