

Converting Colors

RGB(255, 206, 164)

Have a look what the booklet for
RGB(255, 206, 164) contains.

RGB(255, 206, 164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 206, 164)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEA4
RGB	255, 206, 164
RGB Percent	100%, 81%, 64%
CMY	0.0000, 0.1922, 0.3569
CMYK	0.00, 0.19, 0.36, 0.00
HSL	28°, 100%, 82%
HSV	28°, 36%, 100%
XYZ	70.0121, 68.0829, 44.5732
YIQ	215.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

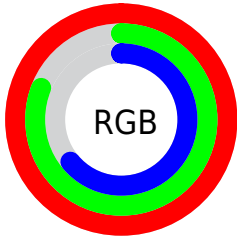
Format	Color
R _Y B	255, 242, 164
Decimal	16764580
CIE Lab	86.05, 11.70, 27.44
CIE LCh	86, 29.831, 66.913
Yxy	68.0829, 0.3833, 0.3727
Android (android.graphics.Color)	4294954660 (0xFFFFCEA4)
YUV	215.8630, -25.5685, 34.3231
Hunter-Lab	82.5124, 7.0614, 25.7302

Details

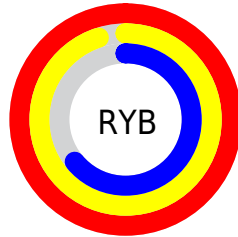
The RGB color **255, 206, 164** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164, 213, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 219**, and **197, 152, 112** is the 20% darker color. If you saturate the color by 10%, you get **255, 192, 139**, and if you desaturate by 10%, it is **255, 220, 190**.

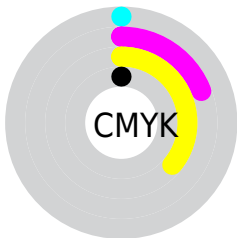
Distribution



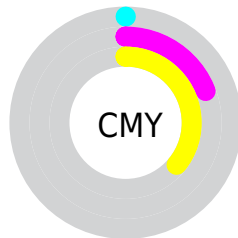
- Red (100%)
- Green (81%)
- Blue (64%)



- Red (100%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 206, 164 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 255, 206, 164 by changing the saturation by 10% instead.


 255, 206, 164

 255, 206, 164

255, 255, 255


 226, 178, 138


 255, 255, 219

 197, 152, 112

 255, 255, 248

 169, 126, 87

 141, 101, 63

 114, 77, 41

 88, 54, 19

 63, 32, 0

 38, 12, 0

 0, 0, 0

■ 255, 206, 164

■ 255, 206, 164

■ 255, 192, 139

■ 255, 220, 190

■ 255, 179, 113

■ 255, 233, 215

■ 255, 165, 88

■ 255, 247, 241

■ 255, 151, 62

255, 255, 255

■ 255, 137, 36

■ 255, 124, 11

■ 255, 118, 0

Harmonies

Analogous

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



255, 198, 183



255, 206, 164



229, 215, 159

Triad

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



255, 206, 164



140, 231, 221



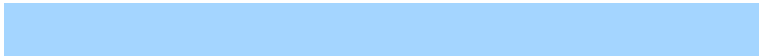
228, 206, 255

Complementary

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



255, 206, 164



164, 213, 255

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.



190, 216, 255



255, 206, 164



133, 230, 248

Square

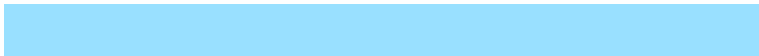
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 206, 164



166, 229, 192



153, 224, 255



255, 198, 238

Rectangle

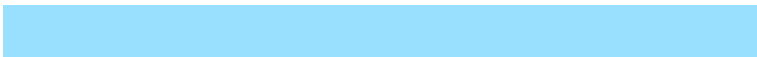
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 206, 164



209, 221, 164



153, 224, 255



216, 209, 255

Sweetspot

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



255, 206, 164



255, 240, 227



255, 164, 214



128, 119, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 206, 164



255, 196, 145



255, 250, 164



128, 121, 115



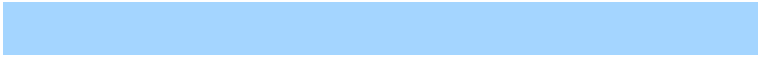
191, 88, 0



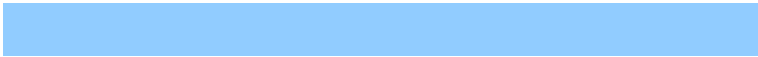
64, 29, 0

Inverse Universe

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



164, 213, 255



145, 204, 255



164, 169, 255



115, 122, 128



0, 103, 191



0, 34, 64

Previews

White Background



This preview shows how the RGB color 255, 206, 164 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 255, 206, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

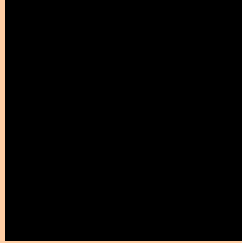
Any Text WCAG AA ✓ Pass

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 255, 206, 164 Background



This preview shows how black text looks on a background with the RGB color 255, 206, 164.






This preview shows how white text looks on a background with the RGB color 255, 206, 164.

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](#).

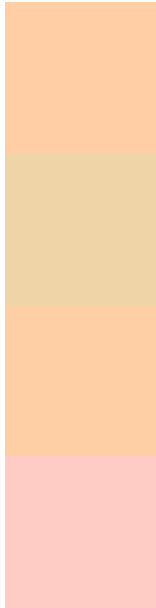
Dichromacy

	Original Color 255, 206, 164
	Protanopia 230, 215, 168
	Deuteranopia 253, 207, 164



Tritanopia
255, 201, 215

Trichromacy



Original Color

255, 206, 164

Protanomaly

239, 212, 167

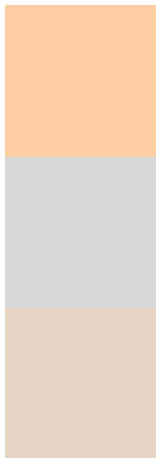
Deuteranomaly

254, 207, 164

Tritanomaly

255, 203, 196

Monochromacy



Original Color

255, 206, 164

Achromatopsia

216, 216, 216

Achromatomaly

230, 212, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 206, 164 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(255, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 164)  
}
```

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(255, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 164) }
```

Border

The CSS property to change the border of an element to RGB 255, 206, 164 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(255, 206, 164) }
```

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

```
.border{ border-color:rgb(255, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 255, 206, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 164) }
```

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

```
.background{ background-color: rgb(255,  
206, 164) }
```

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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