

Converting Colors

RGB(255, 215, 130)

Have a look what the booklet for
RGB(255, 215, 130) contains.

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Color

RGB(255, 215, 130)

Conversions

Conversions Part 1

Format	Color
Hex	FFD782
RGB	255, 215, 130
RGB Percent	100%, 84%, 51%
CMY	0.0000, 0.1569, 0.4902
CMYK	0.00, 0.16, 0.49, 0.00
HSL	41°, 100%, 75%
HSV	41°, 49%, 100%
XYZ	69.5697, 71.4726, 31.2480
YIQ	217.2700, 51.1250, -17.9550

Conversions

Conversions Part 2

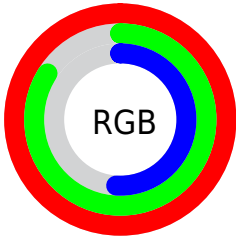
Format	Color
RYB	189, 255, 130
Decimal	16766850
CIELab	87.71, 3.56, 46.90
CIELCh	88, 47.031, 85.655
Yxy	71.4726, 0.4038, 0.4148
Android (android.graphics.Color)	4294956930 (0xFFFFD782)
YUV	217.2700, -43.0241, 33.0892
Hunter-Lab	84.5415, -1.0588, 37.2644

Details

The RGB color **255, 215, 130** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **130, 170, 255**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 184**, and **196, 160, 78** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 105**, and if you desaturate by 10%, it is **255, 223, 155**.

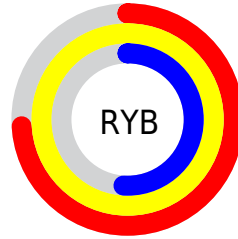
Distribution



Red (100%)

Green (84%)

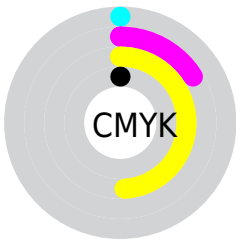
Blue (51%)



Red (74%)

Yellow (100%)

Blue (51%)

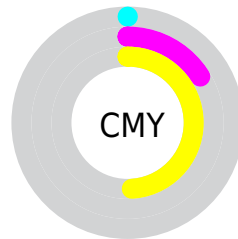


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 215, 130 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, 215, 130 by changing the saturation by 10% instead.

 255, 215, 130

 255, 215, 130

255, 255, 255

 225, 187, 104

 255, 255, 184

 196, 160, 78

 255, 255, 212

 167, 134, 53

 255, 255, 241

 139, 109, 27

 112, 85, 0

 85, 62, 0

 59, 41, 0

 34, 21, 0

 0, 0, 0

■ 255, 215, 130

■ 255, 215, 130

■ 255, 207, 105

■ 255, 223, 155

■ 255, 199, 79

■ 255, 231, 181

■ 255, 191, 53

■ 255, 239, 207

■ 255, 182, 28

■ 255, 248, 232

■ 255, 174, 2

255, 255, 255

■ 255, 173, 0

Harmonies

Analogous

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



255, 199, 147



255, 215, 130



210, 229, 138

Triad

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



255, 215, 130



0, 243, 255



255, 195, 255

Complementary

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



255, 215, 130



130, 170, 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.



215, 211, 255



255, 215, 130



52, 238, 255

Square

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



255, 215, 130



95, 243, 212



142, 226, 255



255, 185, 228

Rectangle

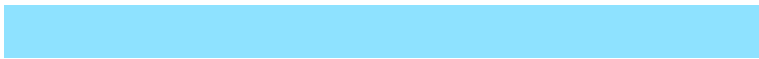
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 215, 130



175, 236, 156



142, 226, 255



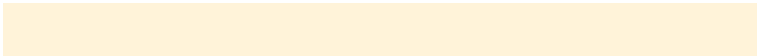
254, 200, 255

Sweetspot

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



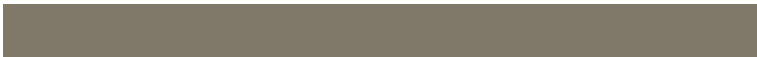
255, 215, 130



255, 243, 217



255, 130, 172



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



255, 215, 130



255, 207, 105



234, 255, 130



128, 123, 115



191, 130, 0



64, 43, 0

Inverse Universe

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



130, 170, 255



105, 153, 255



151, 130, 255



115, 119, 128



0, 61, 191



0, 20, 64

Previews

White Background



This preview shows how the RGB color 255, 215, 130 looks on a white background.

Color Contrast Check

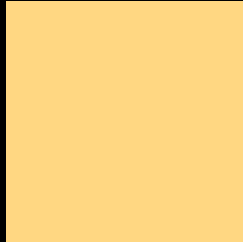
Large Text (above 18pt) WCAG AA × Fail

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, 215, 130 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, 215, 130 Background



This preview shows how black text looks on a background with the RGB color 255, 215, 130.



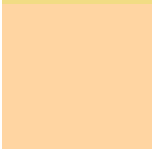


This preview shows how white text looks on a background with the RGB color 255, 215, 130.

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](#).

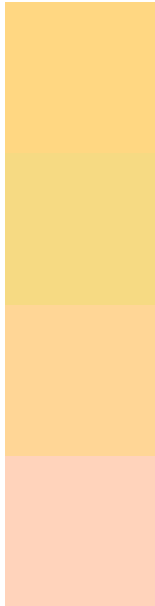
Dichromacy

	Original Color 255, 215, 130
	Protanopia 241, 220, 132
	Deuteranopia 255, 213, 162



Tritanopia
255, 208, 220

Trichromacy



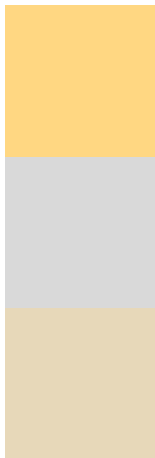
Original Color
255, 215, 130

Protanomaly
246, 218, 131

Deuteranomaly
255, 214, 150

Tritanomaly
255, 211, 187

Monochromacy



Original Color
255, 215, 130

Achromatopsia
217, 217, 217

Achromatomaly
231, 216, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 215, 130 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, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 130)  
}
```

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, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 130) }
```

Border

The CSS property to change the border of an element to RGB 255, 215, 130 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, 215, 130) }
```

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

```
.border{ border-color:rgb(255, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 255, 215, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 130) }
```

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

```
.background{ background-color: rgb(255,  
215, 130) }
```

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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