

Converting Colors

RGB(255, 215, 132)

Have a look what the booklet for
RGB(255, 215, 132) contains.

RGB(255, 215, 132)	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, 215, 132)

Conversions

Conversions Part 1

Format	Color
Hex	FFD784
RGB	255, 215, 132
RGB Percent	100%, 84%, 52%
CMY	0.0000, 0.1569, 0.4824
CMYK	0.00, 0.16, 0.48, 0.00
HSL	40°, 100%, 76%
HSV	40°, 48%, 100%
XYZ	69.7053, 71.5268, 31.9620
YIQ	217.4980, 50.4830, -17.3330

Conversions

Conversions Part 2

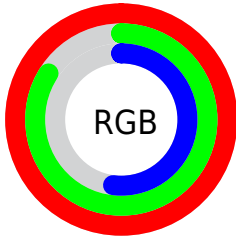
Format	Color
RYB	191, 255, 132
Decimal	16766852
CIELab	87.74, 3.74, 45.94
CIELCh	88, 46.096, 85.343
Yxy	71.5268, 0.4025, 0.4130
Android (android.graphics.Color)	4294956932 (0xFFFFD784)
YUV	217.4980, -42.1505, 32.8893
Hunter-Lab	84.5735, -0.8844, 36.7946

Details

The RGB color **255, 215, 132** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **132, 172, 255**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 186**, and **196, 160, 80** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 107**, and if you desaturate by 10%, it is **255, 223, 158**.

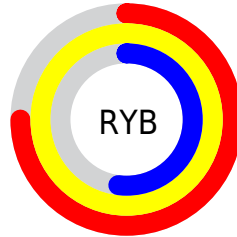
Distribution



Red (100%)

Green (84%)

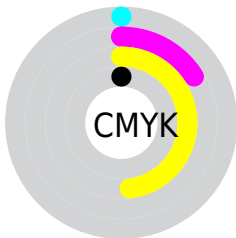
Blue (52%)



Red (75%)

Yellow (100%)

Blue (52%)

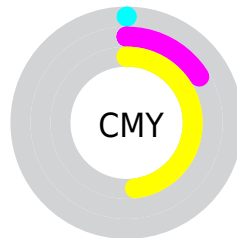


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 215, 132 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, 132 by changing the saturation by 10% instead.


 255, 215, 132

 255, 215, 132

255, 255, 255

 225, 187, 106

 255, 255, 186

 196, 160, 80

 255, 255, 214

 167, 134, 55

 255, 255, 243

 139, 109, 30

 112, 85, 0

 86, 62, 0

 59, 41, 0

 34, 21, 0

 0, 0, 0

■ 255, 215, 132

■ 255, 215, 132

■ 255, 207, 107

■ 255, 223, 158

■ 255, 198, 81

■ 255, 232, 183

■ 255, 190, 56

■ 255, 240, 209

■ 255, 182, 30

■ 255, 248, 234

■ 255, 174, 5

255, 255, 255

■ 255, 172, 0

Harmonies

Analogous

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



255, 200, 149



255, 215, 132



211, 229, 139

Triad

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



255, 215, 132



28, 243, 255



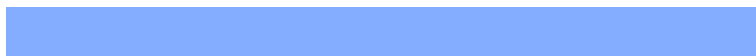
255, 196, 255

Complementary

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



255, 215, 132



132, 172, 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, 132



61, 237, 255

Square

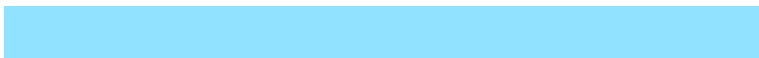
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 215, 132



100, 243, 211



144, 226, 255



255, 186, 229

Rectangle

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



255, 215, 132



177, 236, 157



144, 226, 255



253, 200, 255

Sweetspot

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



255, 215, 132



255, 243, 219



255, 132, 173



128, 120, 106



0, 0, 0



128, 128, 128

Same Dimension

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



255, 215, 132



255, 207, 107



235, 255, 132



128, 123, 115



191, 129, 0



64, 43, 0

Inverse Universe

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



132, 172, 255



107, 155, 255



152, 132, 255



115, 119, 128



0, 62, 191



0, 21, 64

Previews

White Background



This preview shows how the RGB color 255, 215, 132 looks on a white background.

Color Contrast Check

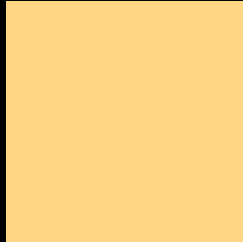
Large Text (above 18pt) WCAG AA × Fail

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, 132 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, 132 Background



This preview shows how black text looks on a background with the RGB color 255, 215, 132.

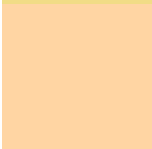


This preview shows how white text looks on a background with the RGB color 255, 215, 132.

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](#).

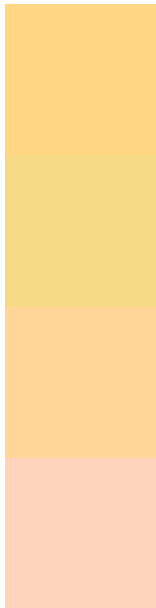
Dichromacy

	Original Color 255, 215, 132
	Protanopia 241, 220, 134
	Deuteranopia 255, 213, 163



Tritanopia
255, 208, 220

Trichromacy



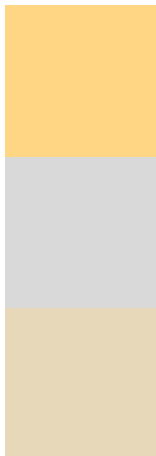
Original Color
255, 215, 132

Protanomaly
246, 218, 133

Deuteranomaly
255, 214, 152

Tritanomaly
255, 211, 188

Monochromacy



Original Color
255, 215, 132

Achromatopsia
217, 217, 217

Achromatomaly
231, 216, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 215, 132 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 132) }
```

Border

The CSS property to change the border of an element to RGB 255, 215, 132 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, 132) }
```

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

```
.border{ border-color:rgb(255, 215, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 255, 215, 132 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, 132) }
```

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

```
.background{ background-color: rgb(255,  
215, 132) }
```

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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