

Converting Colors

RGB(255, 170, 125)

Have a look what the booklet for
RGB(255, 170, 125) contains.

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Color

RGB(255, 170, 125)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA7D
RGB	255, 170, 125
RGB Percent	100%, 67%, 49%
CMY	0.0000, 0.3333, 0.5098
CMYK	0.00, 0.33, 0.51, 0.00
HSL	21°, 100%, 75%
HSV	21°, 51%, 100%
XYZ	59.3164, 51.4901, 26.2143
YIQ	190.2850, 65.1050, 4.0250

Conversions

Conversions Part 2

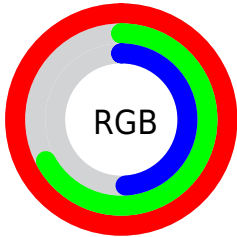
Format	Color
R _Y B	255, 194, 125
Decimal	16755325
CIE Lab	76.97, 26.53, 35.88
CIE LCh	77, 44.624, 53.523
Yxy	51.4901, 0.4329, 0.3758
Android (android.graphics.Color)	4294945405 (0xFFFFAA7D)
YUV	190.2850, -32.1855, 56.7551
Hunter-Lab	71.7566, 21.9799, 28.5697

Details

The RGB color **255, 170, 125** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **125, 210, 255**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 226, 178**, and **195, 117, 75** is the 20% darker color. If you saturate the color by 10%, you get **255, 153, 100**, and if you desaturate by 10%, it is **255, 187, 151**.

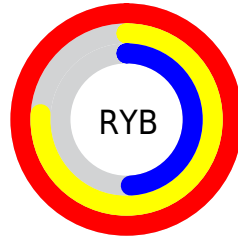
Distribution



Red (100%)

Green (67%)

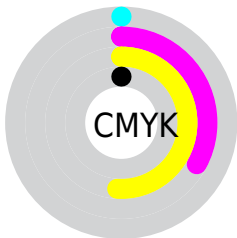
Blue (49%)



Red (100%)

Yellow (76%)

Blue (49%)

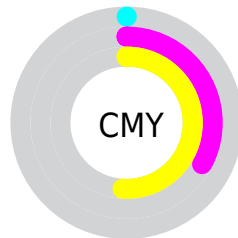


Cyan (0%)

Magenta (33%)

Yellow (51%)

Black (0%)



Cyan (0%)
















Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 170, 125 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, 170, 125 by changing the saturation by 10% instead.

 255, 170, 125	 255, 170, 125
 255, 255, 255	 225, 143, 100
 255, 226, 178	 195, 117, 75
 255, 254, 206	 166, 92, 52
 255, 255, 234	 137, 68, 29
	 109, 45, 5
	 81, 21, 0
	 54, 0, 0
	 27, 0, 1
	 0, 0, 0

■ 255, 170, 125

■ 255, 170, 125

■ 255, 153, 100

■ 255, 187, 151

■ 255, 137, 74

■ 255, 203, 176

■ 255, 120, 49

■ 255, 220, 202

■ 255, 103, 23

■ 255, 237, 227

■ 255, 88, 0

■ 255, 253, 253

255, 255, 255

Harmonies

Analogous

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



255, 159, 159



255, 170, 125



224, 185, 107

Triad

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



255, 170, 125



75, 211, 179



181, 183, 255

Complementary

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



255, 170, 125



125, 210, 255

Split Complementary

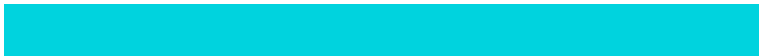
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109, 197, 255



255, 170, 125



0, 211, 222

Square

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



255, 170, 125



135, 207, 139



0, 207, 255



233, 168, 240

Rectangle

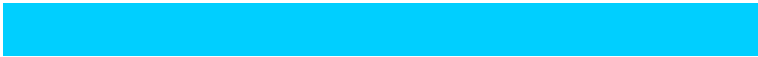
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 170, 125



198, 194, 108



0, 207, 255



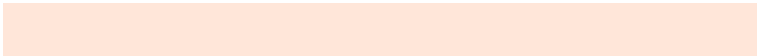
159, 188, 255

Sweetspot

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



255, 170, 125



255, 230, 217



255, 125, 212



128, 112, 105



0, 0, 0



128, 128, 128

Same Dimension

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



255, 170, 125



255, 153, 99



255, 233, 125



128, 119, 115



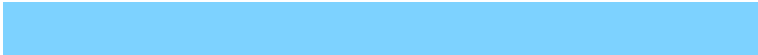
191, 66, 0



64, 22, 0

Inverse Universe

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



125, 210, 255



99, 201, 255



125, 147, 255



115, 123, 128



0, 125, 191



0, 42, 64

Previews

White Background



This preview shows how the RGB color 255, 170, 125 looks on a white background.

Color Contrast Check

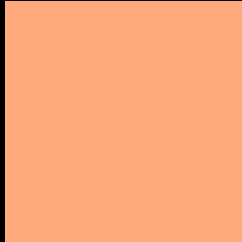
Large Text (above 18pt) WCAG AA × Fail

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, 170, 125 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, 170, 125 Background



This preview shows how black text looks on a background with the RGB color 255, 170, 125.

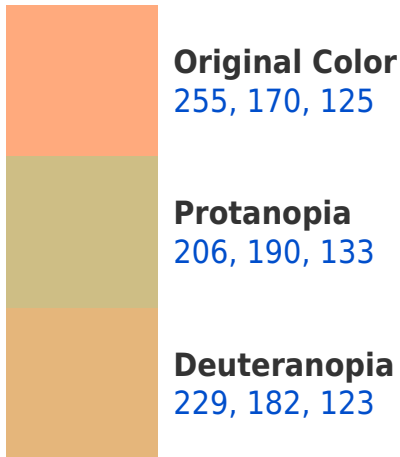



This preview shows how white text looks on a background with the RGB color 255, 170, 125.

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
255, 165, 177

Trichromacy



Original Color

255, 170, 125



Protanomaly

224, 183, 130



Deuteranomaly

238, 178, 124



Tritanomaly

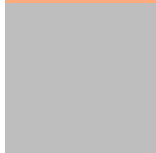
255, 167, 158

Monochromacy



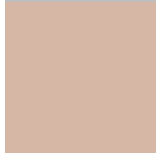
Original Color

255, 170, 125



Achromatopsia

190, 190, 190



Achromatomaly

214, 183, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 170, 125 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, 170, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 125)  
}
```

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, 170, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 125) }
```

Border

The CSS property to change the border of an element to RGB 255, 170, 125 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, 170, 125) }
```

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

```
.border{ border-color:rgb(255, 170, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 125); box-shadow:4px 4px 4px 4px rgb(255, 170, 125) }
```

Background

The CSS property to change the background color of an element to RGB 255, 170, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 125) }
```

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

```
.background{ background-color: rgb(255,  
170, 125) }
```

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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