Converting Colors

RGB(250, 162, 107)

Have a look what the booklet for RGB(250, 162, 107) contains.

Color

RGB(250, 162, 107)

Conversions

Format	Color
Hex	FAA26B
RGB	250, 162, 107
RGB Percent	98%, 64%, 42%
CMY	0.0196, 0.3647, 0.5804
CMYK	0.00, 0.35, 0.57, 0.02
HSL	23°, 93%, 70%
HSV	23°, 57%, 98%
XYZ	54.9985, 47.2262, 20.1267
YIQ	182.0420, 70.1030, 1.5510

Conversions Part 1

Conversions

Conversions Part 2

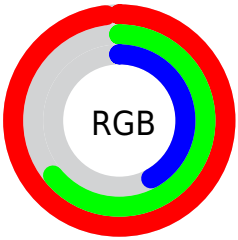
Format	Color
RYB	250, 196, 107
Decimal	16425579
CIELab	74.33, 27.28, 41.82
CIELCh	74, 49.931, 56.882
Yxy	47.2262, 0.4495, 0.3860
Android (android.graphics.Color)	4294615659 (0xFFFAA26B)
YUV	182.0420, -36.9957, 59.5992
Hunter-Lab	68.7213, 22.5934, 30.7404

Details

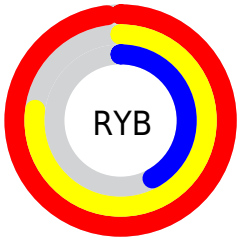
The RGB color 250, 162, 107 is a light color, and the websafe version is hex FF9966. A complement of this color would be 107, 195, 250, and the grayscale version is 182, 182, 182.

A 20% lighter version of the original color is 255, 217, 159, and 190, 110, 58 is the 20% darker color. If you saturate the color by 10%, you get 250, 147, 82, and if you desaturate by 10%, it is 250, 177, 132.

Distribution

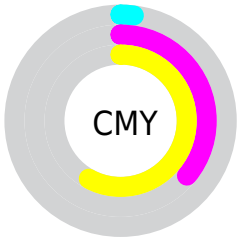


- Red (98%)
- Green (64%)
- Blue (42%)



- Red (98%)
- Yellow (77%)
- Blue (42%)

- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 162, 107 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 250, 162, 107 by changing the saturation by 10% instead.

250, 162, 107	250, 162, 107
255, 255, 255	220, 135, 82
255, 217, 159	190, 110, 58
255, 246, 187	160, 85, 34
255, 255, 215	131, 61, 9
255, 255, 243	103, 37, 0
	75, 14, 0
	48, 0, 0
	7, 0, 0
	0, 0, 0

250, 162, 107

250, 147, 82

250, 131, 57

250, 116, 32

250, 100, 7

250, 96, 0

250, 162, 107

250, 177, 132

250, 193, 157

250, 208, 182

250, 224, 207

250, 239, 232

250, 254, 255

250, 255, 255

Harmonies

Analogous

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

255, 148, 144

250, 162, 107

215, 179, 89

Triad

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

250, 162, 107

0, 206, 176

179, 173, 255

Complementary

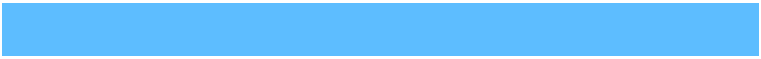
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

250, 162, 107

107, 195, 250

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.



93, 189, 255

250, 162, 107

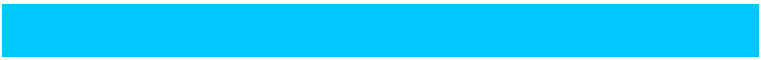
0, 206, 223

Square

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

250, 162, 107

113, 202, 131



0, 200, 255

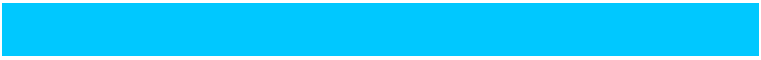
235, 155, 234

Rectangle

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

250, 162, 107

185, 188, 92



0, 200, 255

154, 179, 255

Sweetspot

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

250, 162, 107

255, 228, 212

250, 107, 195

128, 112, 102

0, 0, 0

128, 128, 128

Same Dimension

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

250, 162, 107

255, 147, 79

250, 233, 107

125, 117, 112

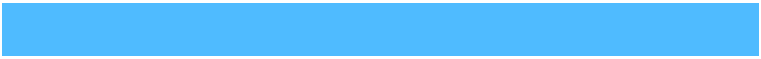
189, 73, 0

61, 24, 0

Inverse Universe

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

107, 195, 250



79, 187, 255

107, 124, 250

112, 120, 125

0, 116, 189

0, 38, 61

Previews

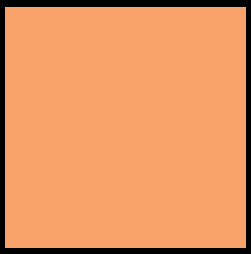
White Background

This preview shows how the RGB color 250, 162, 107 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



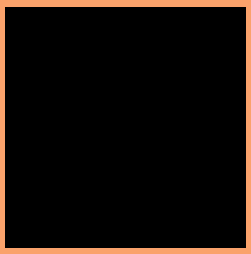
This preview shows how the RGB color 250, 162, 107 looks on a black background.

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 250, 162, 107 Background



This preview shows how black text looks on a background with the RGB color 250, 162, 107.

This preview shows how white text looks on a background with the RGB color 250, 162, 107.

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

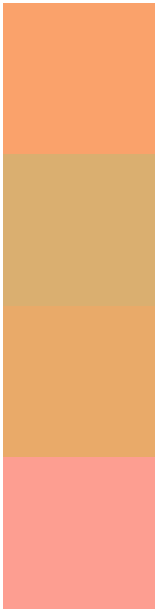
Original Color
250, 162, 107

Protanopia
200, 183, 115

Deuteranopia
223, 175, 104

Tritanopia
254, 155, 166

Trichromacy



Original Color
250, 162, 107

Protanomaly
218, 175, 112

Deuteranomaly
233, 170, 105

Tritanomaly
253, 158, 145

Monochromacy

Original Color
250, 162, 107

Achromatopsia
182, 182, 182

Achromatomaly
207, 175, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 162, 107 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(250, 162, 107) looks like.

```
.text, #text, p{
    color:rgb(250, 162, 107)
}
```

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(250, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 107) }
```

Border

The CSS property to change the border of an element to RGB 250, 162, 107 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(250, 162, 107) }
```

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

```
.border{ border-color:rgb(250, 162, 107) }
```

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

Here you see how a box with a 4 pixel rgb(250, 162, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 162, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 162, 107); box-shadow:4px 4px 4px 4px rgb(250, 162, 107) }
```

Background

The CSS property to change the background color of an element to RGB 250, 162, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(250, 162, 107) }
```

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

```
.background{ background-color:rgb(250,
162, 107) }
```

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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