

# Converting Colors

Hex(F7A364)

Have a look what the booklet for  
Hex(F7A364) contains.

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# **Color**

**Hex(F7A364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A364
RGB	247, 163, 100
RGB Percent	97%, 64%, 39%
CMY	0.0314, 0.3608, 0.6078
CMYK	0.00, 0.34, 0.60, 0.03
HSL	26°, 90%, 68%
HSV	26°, 60%, 97%
XYZ	53.7552, 46.8886, 18.2738
YIQ	180.9340, 70.2870, -1.7850

# Conversions

## Conversions Part 2

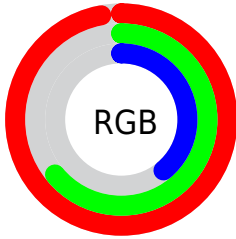
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 210, 100
Decimal	16229220
CIE <sub>Lab</sub>	74.12, 25.05, 45.06
CIE <sub>LCh</sub>	74, 51.551, 60.930
Yxy	46.8886, 0.4520, 0.3943
Android (android.graphics.Color)	4294419300 (0xFFFF7A364)
YUV	180.9340, -39.9005, 57.9399
Hunter-Lab	68.4753, 20.2963, 32.1102

# Details

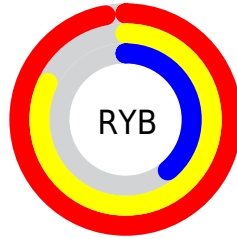
The Hex color **F7A364** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64B8F7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDA98**, and **BB6F33** is the 20% darker color. If you saturate the color by 10%, you get **F7954B**, and if you desaturate by 10%, it is **F7B17D**.

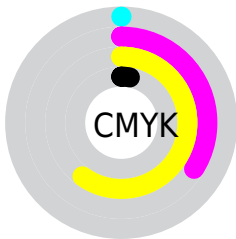
# Distribution



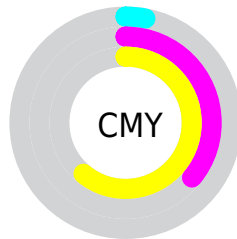
- Red (97%)
- Green (64%)
- Blue (39%)



- Red (97%)
- Yellow (82%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (36%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7A364 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 Hex color F7A364 by changing the saturation by 10% instead.



 F7A364

 F7A364

FFFFFF

 D9894B

 FFDA98

 BB6F33

 FFF7B3

 9D561A

 FFFFCE

 803E00

 FFFFEC

 642700

 481100

 2E0000

 000000

 F7A364

 F7A364

 F7954B

 F7B17D

 F78733

 F7BF95

 F7791A

 F7CDAE

 F76B01

 F7DBC7

 F76A00

 F7EAE0

 F7F8F8

 F7FFFF

# Harmonies

## Analogous

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



FF9488



F7A364



D1B455

# Triad

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



F7A364



00CEB6



BCA9FF

# Complementary

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



F7A364



64B8F7

# 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.



66BBFF



F7A364



00CDE5

# Square

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



F7A364



64CA86



00C7FF



F298E5

# Rectangle

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



F7A364



B2BE5A



00C7FF



A3AFFF



# Sweetspot

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



F7A364



FFE5D1



F764BA



806F63



000000



808080



# Same Dimension

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



F7A364



FF984A



F7EB64



7A736E



BA5000



3B1900



# Inverse Universe

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



64B8F7



4AB1FF



6470F7



6E757A



006ABA



00223B



# Previews

## White Background



This preview shows how the Hex color F7A364 looks on a white background.

## Color Contrast Check

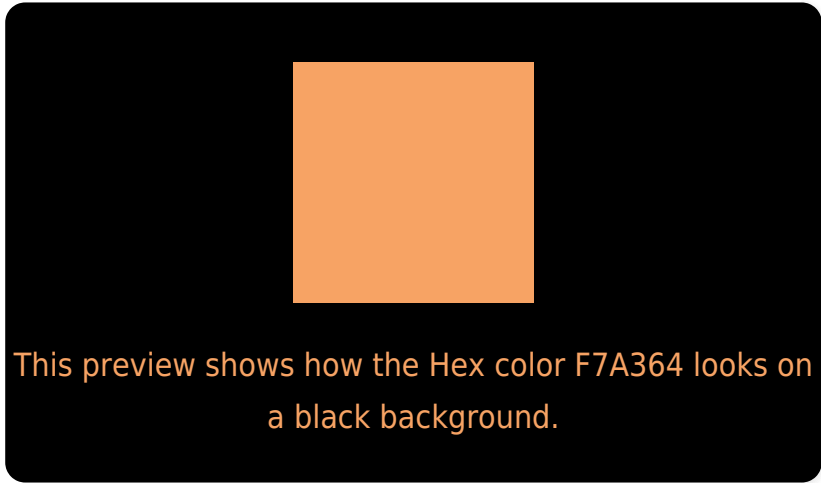
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

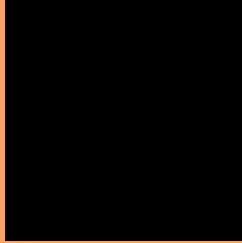
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7A364 Background



This preview shows how black text looks on a background with the Hex color F7A364.

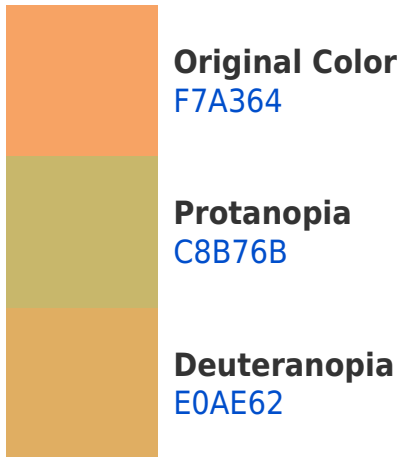


This preview shows how white text looks on a background with the Hex color F7A364.

# 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](#).

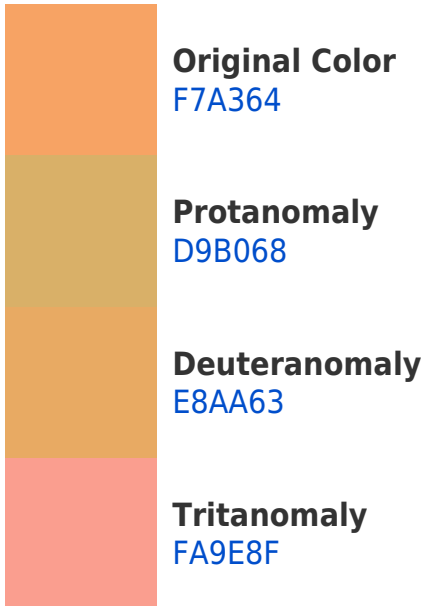
## Dichromacy



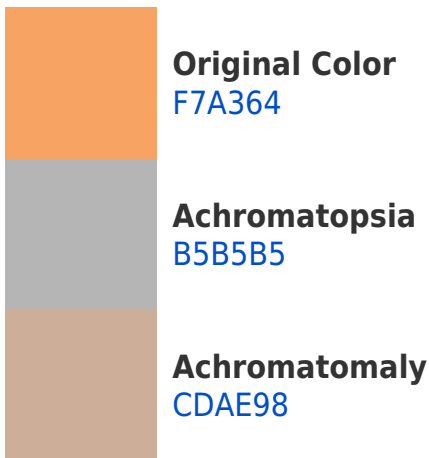


**Tritanopia**  
FC9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7A364 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 #F7A364 looks like.

```
.text, #text, p{  
    color:#F7A364  
}
```

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 #F7A364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A364
}
```

## Border

The CSS property to change the border of an element to Hex F7A364 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
#F7A364 }
```

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

```
.border{ border-color:#F7A364 }
```

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

Here you see how a box with a 4 pixel #F7A364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A364; -webkit-box-shadow:4px 4px  
4px 4px #F7A364; box-shadow:4px 4px 4px  
4px #F7A364 }
```

# Background

The CSS property to change the background color of an element to Hex F7A364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A364 }
```

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

```
.background{ background-color:#F7A364 }
```

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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