

# Converting Colors

Hex(F7A578)

Have a look what the booklet for  
Hex(F7A578) contains.

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# **Color**

**Hex(F7A578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7A578
RGB	247, 165, 120
RGB Percent	97%, 65%, 47%
CMY	0.0314, 0.3529, 0.5294
CMYK	0.00, 0.33, 0.51, 0.03
HSL	21°, 89%, 72%
HSV	21°, 51%, 97%
XYZ	55.2031, 48.0405, 24.1325
YIQ	184.3880, 63.3170, 3.3890

# Conversions

## Conversions Part 2

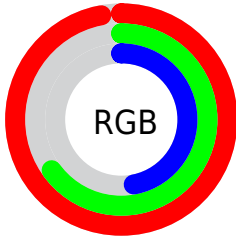
Format	Color
<a href="#">RYB</a>	<a href="#">247, 190, 120</a>
Decimal	<a href="#">16229752</a>
CIELab	<a href="#">74.85, 25.57, 35.60</a>
CIELCh	<a href="#">75, 43.835, 54.313</a>
Yxy	<a href="#">48.0405, 0.4334, 0.3772</a>
Android (android.graphics.Color)	<a href="#">4294419832 (0xFFFF7A578)</a>
YUV	<a href="#">184.3880, -31.7433, 54.9107</a>
Hunter-Lab	<a href="#">69.3112, 20.8720, 27.8745</a>

# Details

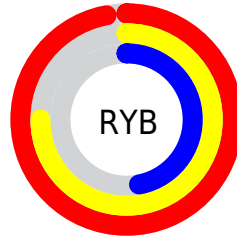
The Hex color **F7A578** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78CAF7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDCAD**, and **BB7147** is the 20% darker color. If you saturate the color by 10%, you get **F7955F**, and if you desaturate by 10%, it is **F7B591**.

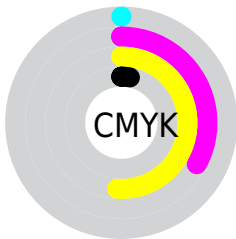
# Distribution



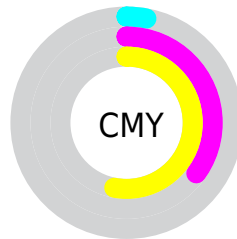
- Red (97%)
- Green (65%)
- Blue (47%)



- Red (97%)
- Yellow (75%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (51%)
- Black (3%)



- Cyan (3%)
- Magenta (35%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7A578 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 F7A578 by changing the saturation by 10% instead.



 F7A578

 F7A578

FFFFFF

 D98A5F

 FFDCAD

 BB7147

 FFF9C8

 9E582F

 FFFF E5

 824018

 662900

 4A1200

 300000

 090000

 000000

 F7A578

 F7A578

 F7955F

 F7B591

 F78547

 F7C5A9

 F7752E

 F7D5C2

 F76515

 F7E5DB

 F75800

 F7F5F4

 F7FFFF

# Harmonies

## Analogous

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



FF9A99



F7A578



D9B367

# Triad

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



F7A578



45CDAF



B1B1FF

# Complementary

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



F7A578



78CAF7

# 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.



6BBFFF



F7A578



00CDD8

# Square

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



F7A578



81C988



00C8F9



E4A2E8

# Rectangle

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



F7A578



BFBC68



00C8F9



9CB6FF

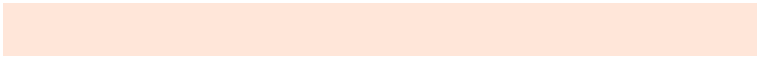


# Sweetspot

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



F7A578



FFE6D9



F778CB



807169



000000



808080



# Same Dimension

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



F7A578



FF9961



F7E478



7A726E



BA4200



3B1500



# Inverse Universe

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



78CAF7



61C7FF



788BF7



6E767A



0078BA



00263B



# Previews

## White Background



This preview shows how the Hex color F7A578 looks on a white background.

## Color Contrast Check

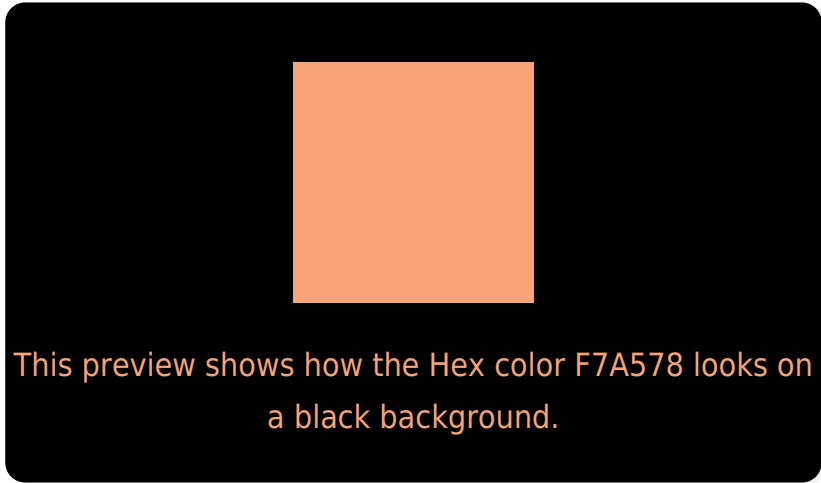
Large Text (above 18pt) WCAG AA × Fail

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

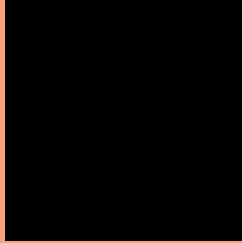
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F7A578 Background



This preview shows how black text looks on a background with the Hex color F7A578.

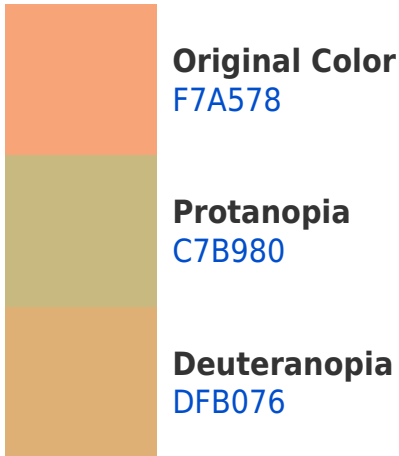



This preview shows how white text looks on a background with the Hex color F7A578.

# 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](#).

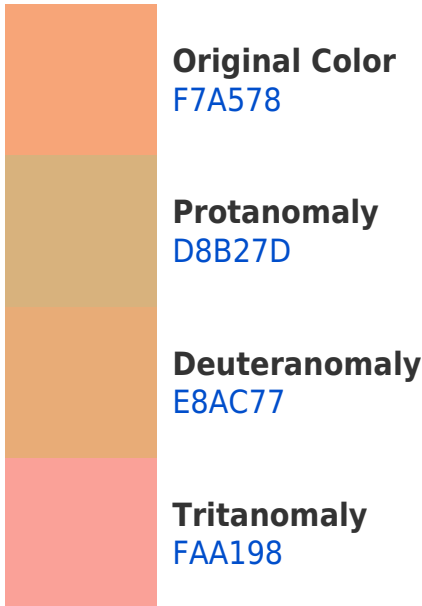
## Dichromacy



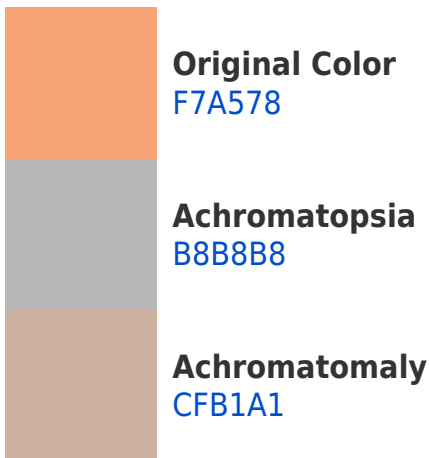


**Tritanopia**  
FB9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7A578 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 #F7A578 looks like.

```
.text, #text, p{  
    color:#F7A578  
}
```

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 #F7A578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A578
}
```

## Border

The CSS property to change the border of an element to Hex F7A578 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
#F7A578 }
```

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

```
.border{ border-color:#F7A578 }
```

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

Here you see how a box with a 4 pixel #F7A578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A578; -webkit-box-shadow:4px 4px  
4px 4px #F7A578; box-shadow:4px 4px 4px  
4px #F7A578 }
```

# Background

The CSS property to change the background color of an element to Hex F7A578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A578 }
```

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

```
.background{ background-color:#F7A578 }
```

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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