

# Converting Colors

Hex(F9A16D)

Have a look what the booklet for  
Hex(F9A16D) contains.

<b>Hex(F9A16D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F9A16D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9A16D
RGB	249, 161, 109
RGB Percent	98%, 63%, 43%
CMY	0.0235, 0.3686, 0.5725
CMYK	0.00, 0.35, 0.56, 0.02
HSL	22°, 92%, 70%
HSV	22°, 56%, 98%
XYZ	54.5721, 46.7336, 20.6122
YIQ	181.3840, 69.1400, 2.4840

# Conversions

## Conversions Part 2

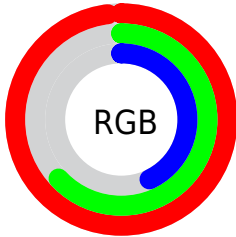
Format	Color
R <sub>Y</sub> B	249, 192, 109
Decimal	16359789
CIE Lab	74.02, 27.56, 40.37
CIE LCh	74, 48.878, 55.678
Yxy	46.7336, 0.4476, 0.3833
Android (android.graphics.Color)	4294549869 (0xFFF9A16D)
YUV	181.3840, -35.6853, 59.2992
Hunter-Lab	68.3620, 22.8598, 29.9765

# Details

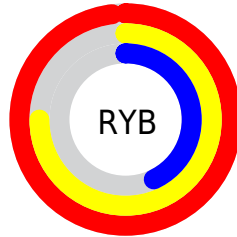
The Hex color **F9A16D** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6DC5F9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD8A1**, and **BD6D3C** is the 20% darker color. If you saturate the color by 10%, you get **F99154**, and if you desaturate by 10%, it is **F9B186**.

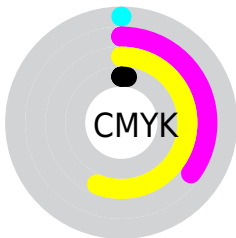
# Distribution



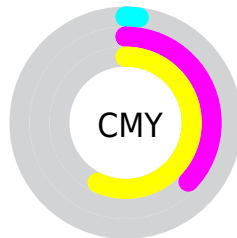
- Red (98%)
- Green (63%)
- Blue (43%)



- Red (98%)
- Yellow (75%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9A16D 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 F9A16D by changing the saturation by 10% instead.



 F9A16D

 F9A16D

FFFFFF

 DB8654

 FFD8A1

 BD6D3C

 FFF5BD

 9F5424

 FFFFD9

 823C0C

 FFFFF5

 662400

 4A0D00

 300000

 050000

 000000

 F9A16D

 F9A16D

 F99154

 F9B186

 F9823B

 F9C09F

 F97222

 F9D0B8

 F96209

 F9E0D1

 F95C00

 F9EFE9

 F9FFFF

# Harmonies

## Analogous

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



FF9491



F9A16D



D7B15B

# Triad

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



F9A16D



16CDAE



B0ADFF

# Complementary

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



F9A16D



6DC5F9

# 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.



5BBDFE



F9A16D



00CDEB

# Square

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



F9A16D



74C882



00C7FF



E89CE9

# Rectangle

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



F9A16D



BABB5D



00C7FF



97B2FF

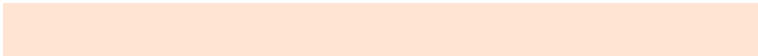


# Sweetspot

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



F9A16D



FFE4D4



F96DC6



806F66



000000



808080



# Same Dimension

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



F9A16D



FF9454



F9E66D



7D7570



BD4600



3D1700



# Inverse Universe

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



6DC5F9



54C0FF



6D80F9



70787D



0077BD



00263D



# Previews

## White Background



This preview shows how the Hex color F9A16D looks on a white background.

## Color Contrast Check

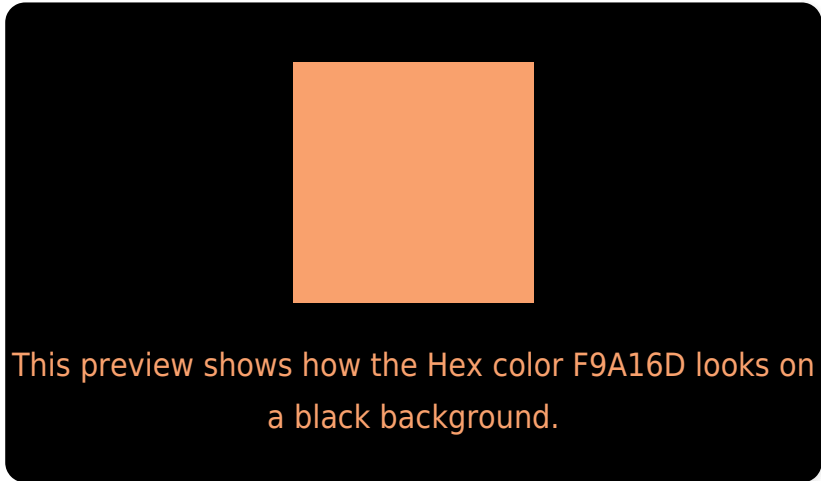
Large Text (above 18pt) WCAG AA × Fail

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 F9A16D Background



This preview shows how black text looks on a background with the Hex color F9A16D.

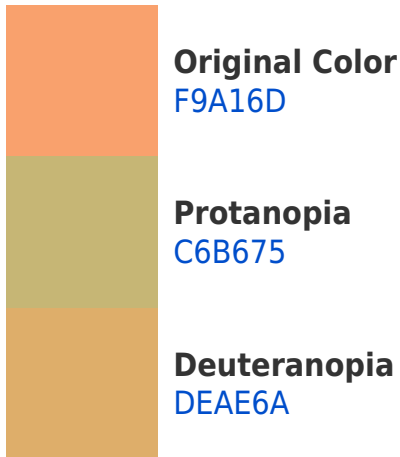


This preview shows how white text looks on a background with the Hex color F9A16D.

# 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](#).

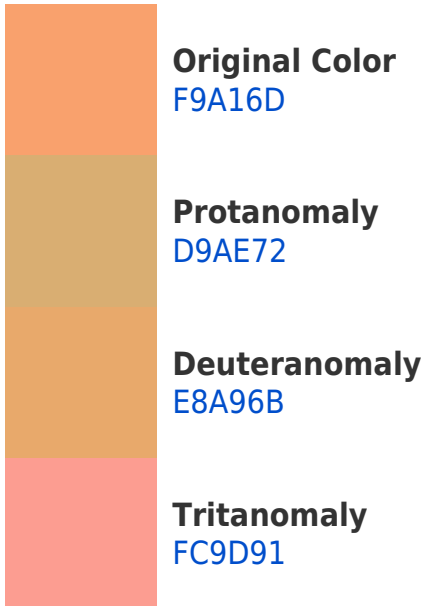
## Dichromacy



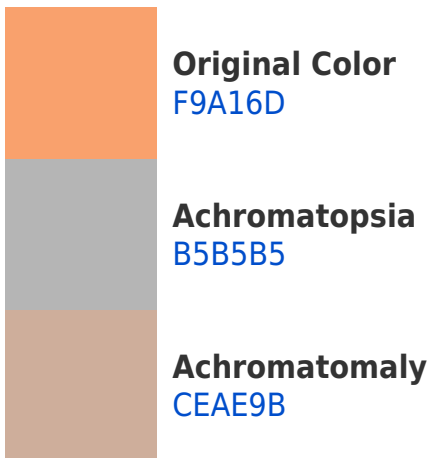


**Tritanopia**  
FD9AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9A16D 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 #F9A16D looks like.

```
.text, #text, p{  
    color:#F9A16D  
}
```

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 #F9A16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9A16D
}
```

## Border

The CSS property to change the border of an element to Hex F9A16D 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
#F9A16D }
```

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

```
.border{ border-color:#F9A16D }
```

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

Here you see how a box with a 4 pixel #F9A16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9A16D; -webkit-box-shadow:4px 4px  
4px 4px #F9A16D; box-shadow:4px 4px 4px  
4px #F9A16D }
```

# Background

The CSS property to change the background color of an element to Hex F9A16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9A16D }
```

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

```
.background{ background-color:#F9A16D }
```

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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