

# Converting Colors

Hex(F9A807)

Have a look what the booklet for  
Hex(F9A807) contains.

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**Color**

**Hex(F9A807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9A807
RGB	249, 168, 7
RGB Percent	98%, 66%, 3%
CMY	0.0235, 0.3412, 0.9725
CMYK	0.00, 0.33, 0.97, 0.02
HSL	40°, 95%, 50%
HSV	40°, 97%, 98%
XYZ	53.1079, 48.1603, 6.6978
YIQ	173.8650, 99.9570, -32.8990

# Conversions

## Conversions Part 2

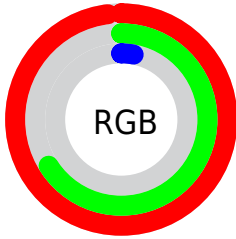
Format	Color
<a href="#">RYB</a>	<a href="#">129, 249, 7</a>
Decimal	<a href="#">16361479</a>
CIELab	<a href="#">74.93, 19.90, 77.82</a>
CIELCh	<a href="#">75, 80.323, 75.655</a>
Yxy	<a href="#">48.1603, 0.4919, 0.4461</a>
Android (android.graphics.Color)	<a href="#">4294551559</a> ( <a href="#">0xFFFF9A807</a> )
YUV	<a href="#">173.8650, -82.2644, 65.8934</a>
Hunter-Lab	<a href="#">69.3977, 15.1547, 42.8561</a>

# Details

The Hex color **F9A807** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0758F9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDF52**, and **BA7400** is the 20% darker color. If you saturate the color by 10%, you get **F9A600**, and if you desaturate by 10%, it is **F9B020**.

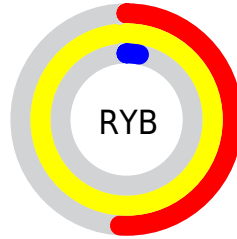
# Distribution



Red (98%)

Green (66%)

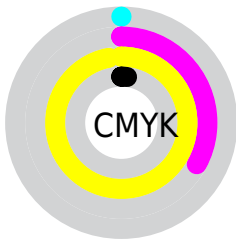
Blue (3%)



Red (51%)

Yellow (98%)

Blue (3%)

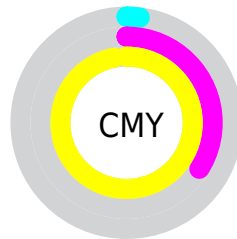


Cyan (0%)

Magenta (33%)

Yellow (97%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9A807 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 F9A807 by changing the saturation by 10% instead.



 F9A807

 F9A807

FFFFFF

 D98E00

 FFDF52

 BA7400

 FFFC6E

 9C5B00

 FFFF8B

 7E4400

 FFFFA7

 612D00

 FFFFC4

 451800

 FFFFE1

 2B0100

 000000

 F9A807

 F9A807

 F9A600

 F9B020

 F9B939

 F9C152

 F9C96B

 F9D284

 F9DA9C

 F9E2B5

 F9EBCE

 F9F3E7

# Harmonies

## Analogous

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



FF8850



F9A807



B7C100

# Triad

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



F9A807



00DBDE



EC92FF

# Complementary

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



F9A807



0758F9

# 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.



66B4FF



F9A807



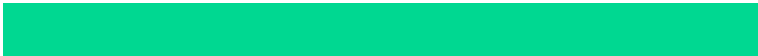
00D7FF

# Square

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



F9A807



00D891



00CBFF



FF73DF

# Rectangle

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



F9A807



81CC30



00CBFF



CB9EFF



# Sweetspot

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



F9A807



FFE6B5



F9075C



807153



000000



808080



# Same Dimension

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



F9A807



FFAA00



D5F907



7D7970



BD7E00



3D2900



# Inverse Universe

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



0758F9



0055FF



2B07F9



70757D



003FBD



00143D



# Previews

## White Background



This preview shows how the Hex color F9A807 looks on a white background.

## Color Contrast Check

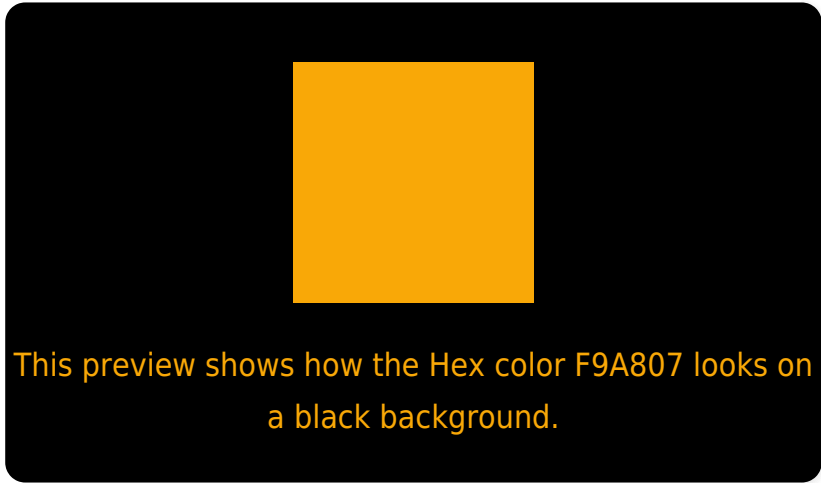
Large Text (above 18pt) WCAG AA × Fail

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 F9A807 Background



This preview shows how black text looks on a background with the Hex color F9A807.



This preview shows how white text looks on a background with the Hex color F9A807.

# 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**  
F9A807

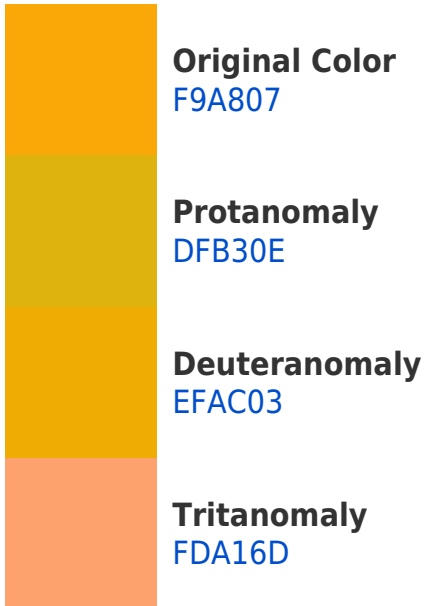
**Protanopia**  
D0B912

**Deuteranopia**  
EAAF00



**Tritanopia**  
FF9DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9A807 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 #F9A807 looks like.

```
.text, #text, p{  
  color:#F9A807  
}
```

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 #F9A807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9A807
}
```

## Border

The CSS property to change the border of an element to Hex F9A807 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
#F9A807 }
```

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

```
.border{ border-color:#F9A807 }
```

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

Here you see how a box with a 4 pixel #F9A807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9A807; -webkit-box-shadow:4px 4px  
4px 4px #F9A807; box-shadow:4px 4px 4px  
4px #F9A807 }
```

# Background

The CSS property to change the background color of an element to Hex F9A807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9A807 }
```

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

```
.background{ background-color:#F9A807 }
```

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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