

# Converting Colors

Hex(FA7816)

Have a look what the booklet for  
Hex(FA7816) contains.

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# **Color**

**Hex(FA7816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA7816
RGB	250, 120, 22
RGB Percent	98%, 47%, 9%
CMY	0.0196, 0.5294, 0.9137
CMYK	0.00, 0.52, 0.91, 0.02
HSL	26°, 96%, 53%
HSV	26°, 91%, 98%
XYZ	46.2856, 33.8149, 4.8465
YIQ	147.6980, 108.9380, -2.9180

# Conversions

## Conversions Part 2

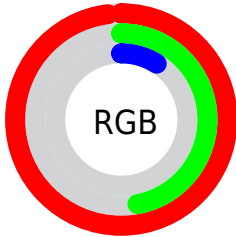
Format	Color
<a href="#">RYB</a>	<a href="#">250, 194, 22</a>
Decimal	<a href="#">16414742</a>
CIELab	<a href="#">64.82, 45.03, 68.46</a>
CIELCh	<a href="#">65, 81.941, 56.663</a>
Yxy	<a href="#">33.8149, 0.5449, 0.3981</a>
Android (android.graphics.Color)	<a href="#">4294604822</a> ( <a href="#">0xFFFA7816</a> )
YUV	<a href="#">147.6980, -61.9691, 89.7189</a>
Hunter-Lab	<a href="#">58.1505, 40.3158, 35.7640</a>

# Details

The Hex color **FA7816** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1698FA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAE50**, and **BA4400** is the 20% darker color. If you saturate the color by 10%, you get **FA6B00**, and if you desaturate by 10%, it is **FA862F**.

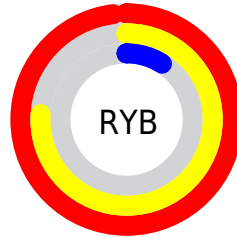
# Distribution



Red (98%)

Green (47%)

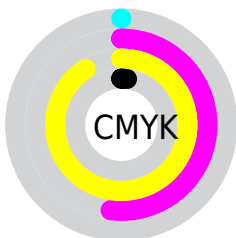
Blue (9%)



Red (98%)

Yellow (76%)

Blue (9%)

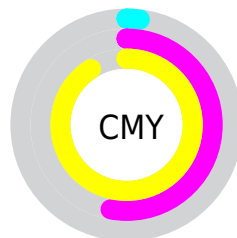


Cyan (0%)

Magenta (52%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA7816 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 FA7816 by changing the saturation by 10% instead.



 FA7816

 FA7816

FFFFFF

 DA5E00

 FFAE50

 BA4400

 FFCA6B

 9A2900

 FFE786

 7B0700

 FFFFA2

 5D0000

 FFFFBE

 410000

 FFFFDB

 240001

 FFFFF8

 000000

 FA7816

 FA7816

FA6B00

FA862F

FA9548

FAA361

FAB17A

FABF93

FACEAC

FADCC5

FAEADE

FAF8F7

# Harmonies

## Analogous

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



FF5460



FA7816



C49700

# Triad

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



FA7816



00BD92



858DFF

# Complementary

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



FA7816



1698FA

# 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.



00A9FF



FA7816



00BDDD

# Square

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



FA7816



00B846



00B8FF



EC67EF

# Rectangle

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



FA7816



97A600



00B8FF



3C98FF

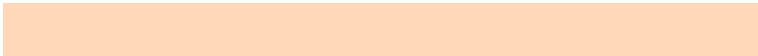


# Sweetspot

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



FA7816



FFD8BA



FA169B



806857



000000



808080



# Same Dimension

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



FA7816



FF6E00



FAE716



7D7670



BD5100



3D1A00



# Inverse Universe

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



1698FA



0091FF



1629FA



70787D



006CBD



00233D



# Previews

## White Background



This preview shows how the Hex color FA7816 looks on a white background.

## Color Contrast Check

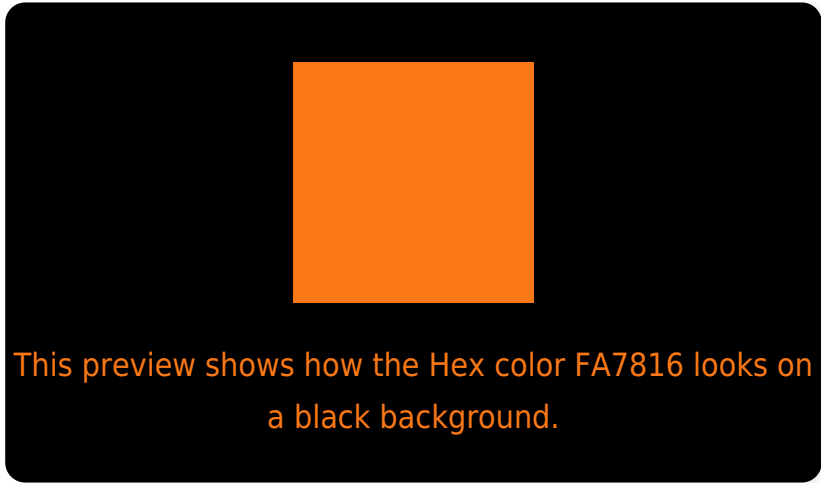
Large Text (above 18pt) WCAG AA × Fail

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 FA7816 Background



This preview shows how black text looks on a background with the Hex color FA7816.

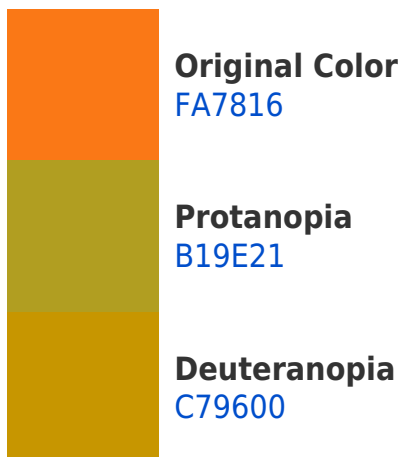


This preview shows how white text looks on a background with the Hex color FA7816.

# Color Blindness Simulation

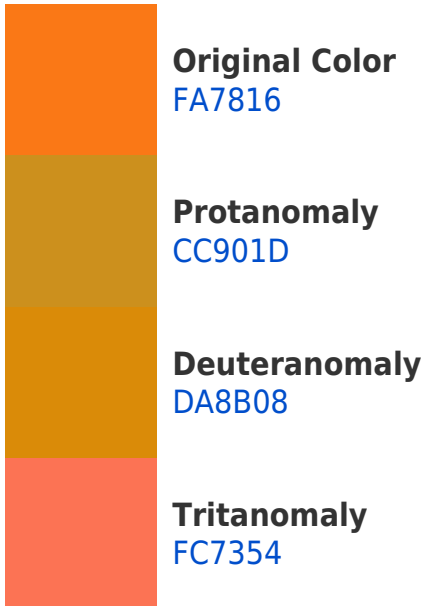
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

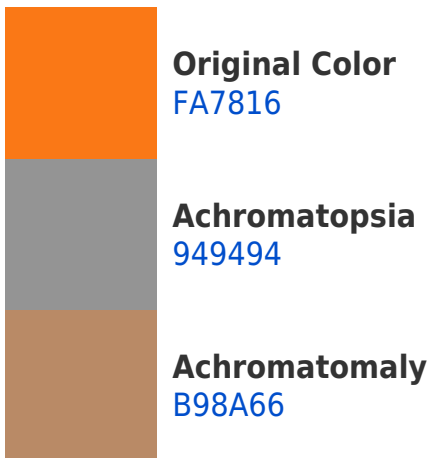




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA7816 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 #FA7816 looks like.

```
.text, #text, p{  
    color:#FA7816  
}
```

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 #FA7816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA7816
}
```

## Border

The CSS property to change the border of an element to Hex FA7816 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
#FA7816 }
```

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

```
.border{ border-color:#FA7816 }
```

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

Here you see how a box with a 4 pixel #FA7816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA7816; -webkit-box-shadow:4px 4px  
4px 4px #FA7816; box-shadow:4px 4px 4px  
4px #FA7816 }
```

# Background

The CSS property to change the background color of an element to Hex FA7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA7816 }
```

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

```
.background{ background-color:#FA7816 }
```

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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