

Converting Colors

Hex(FF7916)

Have a look what the booklet for
Hex(FF7916) contains.

Hex(FF7916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F77916)

Conversions

Conversions Part 1

Format	Color
Hex	FF7916
RGB	255, 121, 22
RGB Percent	100%, 47%, 9%
CMY	0.0000, 0.5255, 0.9137
CMYK	0.00, 0.53, 0.91, 0.00
HSL	25°, 100%, 54%
HSV	25°, 91%, 100%
XYZ	48.2222, 34.9927, 4.9717
YIQ	149.7800, 111.6430, -2.3810

Conversions

Conversions Part 2

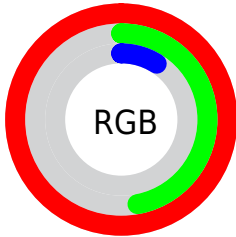
Format	Color
R_{YB}	255, 194, 22
Decimal	16742678
CIE Lab	65.74, 46.45, 69.45
CIE LCh	66, 83.550, 56.228
Yxy	34.9927, 0.5468, 0.3968
Android (android.graphics.Color)	4294932758 (0xFFFF7916)
YUV	149.7800, -62.9955, 92.2779
Hunter-Lab	59.1546, 41.9907, 36.4251

Details

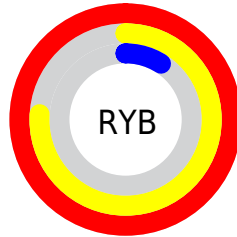
The Hex color **FF7916** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **169CFF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB051**, and **BE4400** is the 20% darker color. If you saturate the color by 10%, you get **FF6C00**, and if you desaturate by 10%, it is **FF8830**.

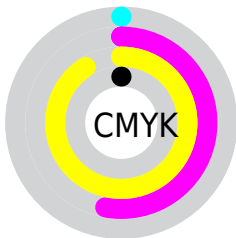
Distribution



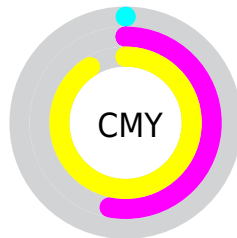
- Red (100%)
- Green (47%)
- Blue (9%)



- Red (100%)
- Yellow (76%)
- Blue (9%)



- Cyan (0%)
- Magenta (53%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7916 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 FF7916 by changing the saturation by 10% instead.

 FF7916

 FF7916

FFFFFF

 DF5E00

 FFB051

 BE4400

 FFCC6C

 9F2900

 FFE987

 800600

 FFFFA2

 610000

 FFFFBF

 440000

 FFFFDB

 290001

 FFFFF8

 000000

 FF7916

 FF7916

 FF6C00

 FF8830

 FF9649

 FFA562

 FFB47C

 FFC295

 FFD1AF

 FFE0C9

 FFEED2

 FFFDFB

Harmonies

Analogous

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



FF5463



FF7916



C89900

Triad

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



FF7916



00C094



8590FF

Complementary

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



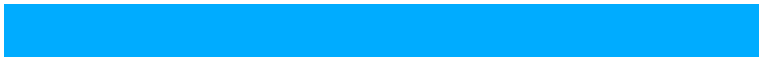
FF7916



169CFF

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.



00ACFF



FF7916



00C1E0

Square

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



FF7916



00BB45



00BBFF



EF69F4

Rectangle

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



FF7916



9AA900



00BBFF



349BFF

Sweetspot

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



FF7916



FFD7BA



FF169E



806857



000000



808080

Same Dimension

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



FF7916



FF6C00



FFEC16



807873



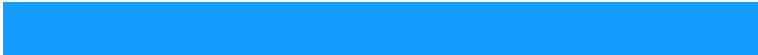
BF5100



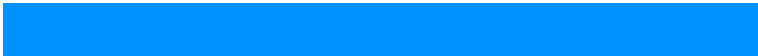
401B00

Inverse Universe

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



169CFF



0093FF



1629FF



737A80



006EBF



002540

Previews

White Background



This preview shows how the Hex color FF7916 looks on a white background.

Color Contrast Check

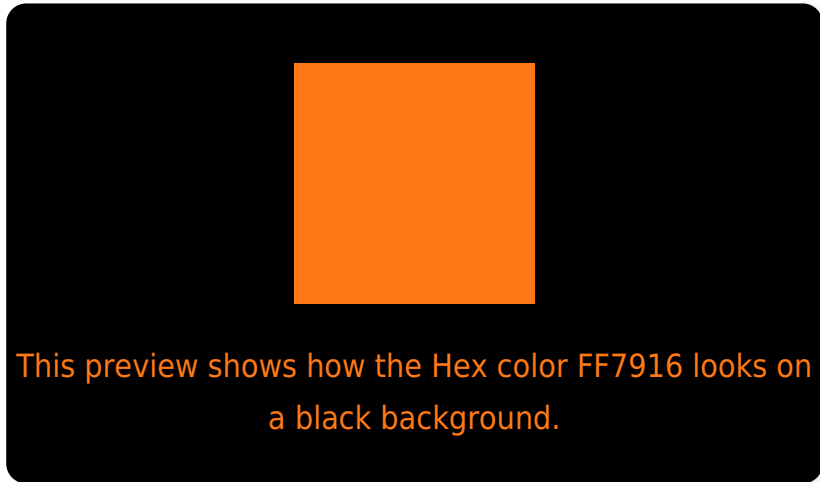
Large Text (above 18pt) WCAG AA × Fail

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 FF7916 Background



This preview shows how black text looks on a background with the Hex color FF7916.



This preview shows how white text looks on a background with the Hex color FF7916.

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
FF7916

Protanopia
B4A121

Deuteranopia
CA9800



Tritanopia
FF737A

Trichromacy



Original Color
FF7916

Protanomaly
CF921D

Deuteranomaly
DD8D08

Tritanomaly
FF7556

Monochromacy



Original Color
FF7916

Achromatopsia
969696

Achromatomaly
BC8B67

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7916 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 #FF7916 looks like.

```
.text, #text, p{  
    color:#FF7916  
}
```

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 #FF7916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7916
}
```

Border

The CSS property to change the border of an element to Hex FF7916 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
#FF7916 }
```

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

```
.border{ border-color:#FF7916 }
```

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

Here you see how a box with a 4 pixel #FF7916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7916; -webkit-box-shadow:4px 4px  
4px 4px #FF7916; box-shadow:4px 4px 4px  
4px #FF7916 }
```

Background

The CSS property to change the background color of an element to Hex FF7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7916 }
```

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

```
.background{ background-color:#FF7916 }
```

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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