

# Converting Colors

Hex(FF7619)

Have a look what the booklet for  
Hex(FF7619) contains.

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# **Color**

**Hex(F7619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7619
RGB	255, 118, 25
RGB Percent	100%, 46%, 10%
CMY	0.0000, 0.5373, 0.9020
CMYK	0.00, 0.54, 0.90, 0.00
HSL	24°, 100%, 55%
HSV	24°, 90%, 100%
XYZ	47.8939, 34.2871, 5.0135
YIQ	148.3610, 111.5050, 0.1210

# Conversions

## Conversions Part 2

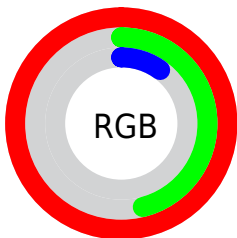
Format	Color
R <sub>YB</sub>	255, 181, 25
Decimal	16741913
CIE Lab	65.19, 47.92, 68.30
CIE LCh	65, 83.434, 54.944
Yxy	34.2871, 0.5493, 0.3932
Android (android.graphics.Color)	4294931993 (0xFFFF7619)
YUV	148.3610, -60.8170, 93.5224
Hunter-Lab	58.5551, 43.5287, 35.9122

# Details

The Hex color **FF7619** 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 **19A2FF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAD52**, and **BE4100** is the 20% darker color. If you saturate the color by 10%, you get **FF6700**, and if you desaturate by 10%, it is **FF8532**.

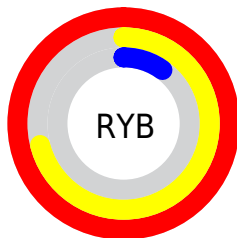
# Distribution



Red (100%)

Green (46%)

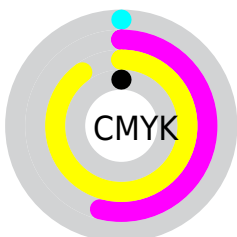
Blue (10%)



Red (100%)

Yellow (71%)

Blue (10%)

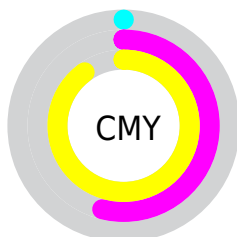


Cyan (0%)

Magenta (54%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7619 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 FF7619 by changing the saturation by 10% instead.



 FF7619

 FF7619

FFFFFF

 DE5B00

 FFAD52

 BE4100

 FFC96D

 9F2500

 FFE688

 7F0000

 FFFFA4

 610000

 FFFFC0

 440000

 FFFFDC

 280001

 FFFFF9

 000000

 FF7619

 FF7619

■ FF6700

■ FF8532

■ FF944C

■ FFA465

■ FFB37F

■ FFC298

■ FFD1B2

■ FFE0CB

■ FFF0E5

FFFFFFE

# Harmonies

## Analogous

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



FF5164



FF7619



C99700

# Triad

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



FF7619



00BE8F



7C90FF

# Complementary

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



FF7619



19A2FF

# 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.



00ABFF



FF7619



00BFDC

# Square

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



FF7619



00B940



00BAFF



EA69F5

# Rectangle

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



FF7619



9CA600



00BAFF



159BFF



# Sweetspot

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



FF7619



FFD6BA



FF19A3



806757



000000



808080



# Same Dimension

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



FF7619



FF6700



FFE819



807873



BF4D00



401A00



# Inverse Universe

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



19A2FF



0098FF



1930FF



737A80



0072BF



002640



# Previews

## White Background



This preview shows how the Hex color FF7619 looks on a white background.

## Color Contrast Check

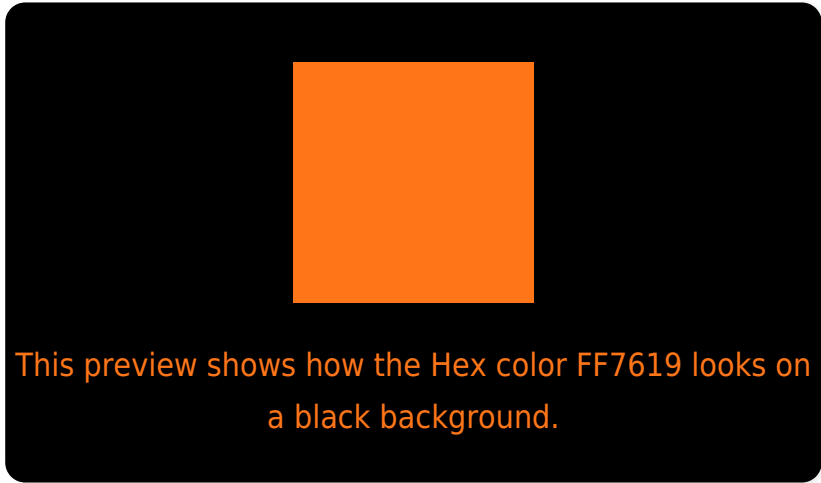
Large Text (above 18pt) WCAG AA × Fail

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 FF7619 Background



This preview shows how black text looks on a background with the Hex color FF7619.



This preview shows how white text looks on a background with the Hex color FF7619.

# 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**  
FF7619

**Protanopia**  
B29F24

**Deuteranopia**  
C89600



**Tritanopia**  
FF7077

# Trichromacy



**Original Color**  
FF7619

**Protanomaly**  
CE9020

**Deuteranomaly**  
DC8A09

**Tritanomaly**  
FF7255

# Monochromacy



**Original Color**  
FF7619

**Achromatopsia**  
949494

**Achromatomaly**  
BB8967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7619 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 #FF7619 looks like.

```
.text, #text, p{  
    color:#FF7619  
}
```

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 #FF7619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7619
}
```

## Border

The CSS property to change the border of an element to Hex FF7619 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
#FF7619 }
```

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

```
.border{ border-color:#FF7619 }
```

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

Here you see how a box with a 4 pixel #FF7619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7619; -webkit-box-shadow:4px 4px  
4px 4px #FF7619; box-shadow:4px 4px 4px  
4px #FF7619 }
```

# Background

The CSS property to change the background color of an element to Hex FF7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7619 }
```

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

```
.background{ background-color:#FF7619 }
```

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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