

# Converting Colors

Hex(F75600)

Have a look what the booklet for  
Hex(F75600) contains.

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**Color**

**Hex(F75600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F75600
RGB	247, 86, 0
RGB Percent	97%, 34%, 0%
CMY	0.0314, 0.6627, 1.0000
CMYK	0.00, 0.65, 1.00, 0.03
HSL	21°, 100%, 48%
HSV	21°, 100%, 97%
XYZ	41.6856, 26.4297, 2.9044
YIQ	124.3350, 123.5620, 7.3860

# Conversions

## Conversions Part 2

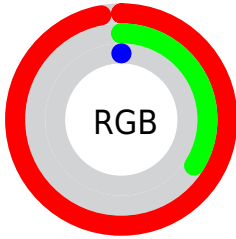
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 132, 0
Decimal	16209408
CIE Lab	58.44, 59.01, 68.59
CIE LCh	58, 90.483, 49.294
Yxy	26.4297, 0.5870, 0.3721
Android (android.graphics.Color)	4294399488 (0xFFFF75600)
YUV	124.3350, -61.2972, 107.5772
Hunter-Lab	51.4099, 54.7691, 32.6373

# Details

The Hex color **F75600** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **00A1F7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8E41**, and **B61500** is the 20% darker color. If you saturate the color by 10%, you get **F75600**, and if you desaturate by 10%, it is **F76619**.

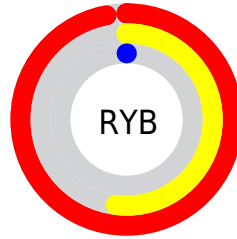
# Distribution



Red (97%)

Green (34%)

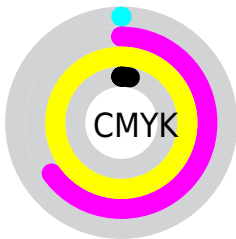
Blue (0%)



Red (97%)

Yellow (52%)

Blue (0%)

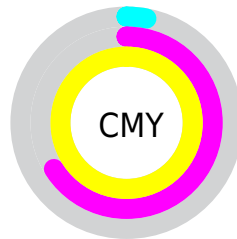


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F75600 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 F75600 by changing the saturation by 10% instead.



 F75600

 F75600

FFFFFF

 D63900

 FF8E41

 B61500

 FFAA5C

 950000

 FFC776

 760000

 FFE491

 570000

 FFFFAD

 3B0002

 FFFFC9

 150000

 FFFFEE

 000000

 F75600

 F76619

 F77631

 F7864A

 F79663

 F7A77C

 F7B794

 F7C7AD

 F7D7C6

 F7E7DE

# Harmonies

## Analogous

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



FF145E



F75600



C27F00

# Triad

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



F75600



00AC6C



0085FF

# Complementary

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



F75600



00A1F7

# 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.



009FFF



F75600



00AEBF

# Square

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



F75600



00A603



00ABFF



CC58F5

# Rectangle

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



F75600



949100



00ABFF



008FFF



# Sweetspot

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



F75600



FFCDB3



F700A5



806252



000000



808080



# Same Dimension

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



F75600



FF5900



F7CE00



7A726E



BA4100



3B1400



# Inverse Universe

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



00A1F7



00A6FF



0029F7



6E767A



0079BA



00263B



# Previews

## White Background



This preview shows how the Hex color F75600 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F75600 Background



This preview shows how black text looks on a background with the Hex color F75600.



This preview shows how white text looks on a background with the Hex color F75600.

# 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**  
F75600

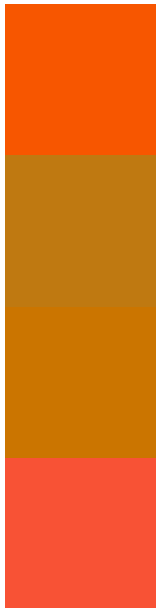
**Protanopia**  
9F8D1A

**Deuteranopia**  
B28600



**Tritanopia**  
F95054

# Trichromacy



**Original Color**  
F75600

**Protanomaly**  
BF7911

**Deuteranomaly**  
CB7500

**Tritanomaly**  
F85235

# Monochromacy



**Original Color**  
F75600

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
A96E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F75600 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 #F75600 looks like.

```
.text, #text, p{  
    color:#F75600  
}
```

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 #F75600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75600
}
```

## Border

The CSS property to change the border of an element to Hex F75600 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
#F75600 }
```

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

```
.border{ border-color:#F75600 }
```

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

Here you see how a box with a 4 pixel #F75600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75600; -webkit-box-shadow:4px 4px  
4px 4px #F75600; box-shadow:4px 4px 4px  
4px #F75600 }
```

# Background

The CSS property to change the background color of an element to Hex F75600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75600 }
```

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

```
.background{ background-color:#F75600 }
```

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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