

# Converting Colors

Hex(F75608)

Have a look what the booklet for  
Hex(F75608) contains.

<b>Hex(F75608)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F75608)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F75608
RGB	247, 86, 8
RGB Percent	97%, 34%, 3%
CMY	0.0314, 0.6627, 0.9686
CMYK	0.00, 0.65, 0.97, 0.03
HSL	20°, 94%, 50%
HSV	20°, 97%, 97%
XYZ	41.7294, 26.4473, 3.1352
YIQ	125.2470, 120.9940, 9.8740

# Conversions

## Conversions Part 2

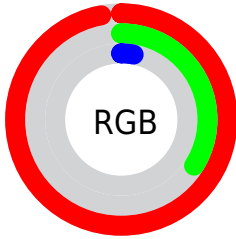
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 124, 8
Decimal	16209416
CIE Lab	58.46, 59.07, 67.08
CIE LCh	58, 89.382, 48.630
Yxy	26.4473, 0.5852, 0.3709
Android (android.graphics.Color)	4294399496 (0xFFFF75608)
YUV	125.2470, -57.8028, 106.7774
Hunter-Lab	51.4269, 54.8434, 32.3843

# Details

The Hex color **F75608** 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 **08A9F7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8E45**, and **B61400** is the 20% darker color. If you saturate the color by 10%, you get **F75100**, and if you desaturate by 10%, it is **F76721**.

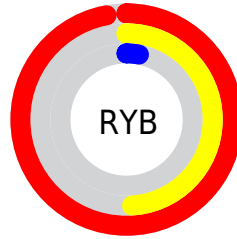
# Distribution



Red (97%)

Green (34%)

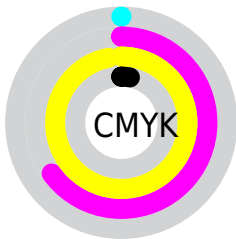
Blue (3%)



Red (97%)

Yellow (49%)

Blue (3%)

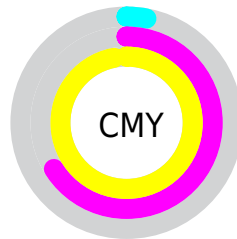


Cyan (0%)

Magenta (65%)

Yellow (97%)

Black (3%)



Cyan (3%)

Magenta (66%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F75608 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 F75608 by changing the saturation by 10% instead.



 F75608

 F75608

FFFFFF

 D63900

 FF8E45

 B61400

 FFAA5F

 950000

 FFC77A

 760000

 FFE495

 570000

 FFFF80

 3B0002

 FFFFC0

 150000

 FFFF90

 000000

 F75608

 F75608

 F75100

 F76721

 F77739

 F78852

 F7996B

 F7A983

 F7BA9C

 F7CAB5

 F7DBCE

 F7ECE6

# Harmonies

## Analogous

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



FF1960



F75608



C37F00

# Triad

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



F75608



00AC6B



0085FF

# Complementary

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



F75608



08A9F7

# 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



F75608



00AEBD

# Square

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



F75608



00A503



00ABFF



C95AF6

# Rectangle

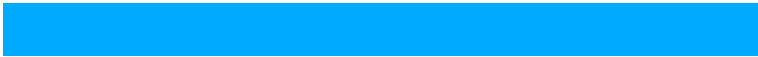
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F75608



969100



00ABFF



0090FF



# Sweetspot

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



F75608



FFCDB5



F708AB



806153



000000



808080



# Same Dimension

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



F75608



FF5300



F7CB08



7A726E



BA3D00



3B1300

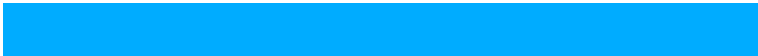


# Inverse Universe

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



08A9F7



00ACFF



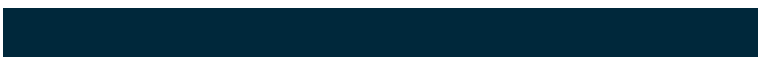
0834F7



6E767A



007DBA



00283B



# Previews

## White Background



This preview shows how the Hex color F75608 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 F75608 Background



This preview shows how black text looks on a background with the Hex color F75608.



This preview shows how white text looks on a background with the Hex color F75608.

# 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**  
F75608

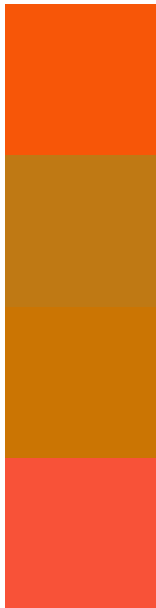
**Protanopia**  
9F8D1B

**Deuteranopia**  
B28600



**Tritanopia**  
F95054

# Trichromacy



**Original Color**  
F75608

**Protanomaly**  
BF7914

**Deuteranomaly**  
CB7503

**Tritanomaly**  
F85238

# Monochromacy



**Original Color**  
F75608

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A96F52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F75608 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 #F75608 looks like.

```
.text, #text, p{  
    color:#F75608  
}
```

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 #F75608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75608
}
```

## Border

The CSS property to change the border of an element to Hex F75608 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
#F75608 }
```

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

```
.border{ border-color:#F75608 }
```

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

Here you see how a box with a 4 pixel #F75608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75608; -webkit-box-shadow:4px 4px  
4px 4px #F75608; box-shadow:4px 4px 4px  
4px #F75608 }
```

# Background

The CSS property to change the background color of an element to Hex F75608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75608 }
```

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

```
.background{ background-color:#F75608 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor