

# Converting Colors

Hex(F73C06)

Have a look what the booklet for  
Hex(F73C06) contains.

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**Color**

**Hex(F73C06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73C06
RGB	247, 60, 6
RGB Percent	97%, 24%, 2%
CMY	0.0314, 0.7647, 0.9765
CMYK	0.00, 0.76, 0.98, 0.03
HSL	13°, 95%, 50%
HSV	13°, 98%, 97%
XYZ	40.0065, 23.0190, 2.5068
YIQ	109.7570, 128.7860, 22.8500

# Conversions

## Conversions Part 2

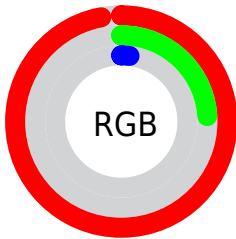
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 76, 6
Decimal	16202758
CIE Lab	55.09, 68.28, 65.68
CIE LCh	55, 94.742, 43.885
Yxy	23.0190, 0.6105, 0.3513
Android (android.graphics.Color)	4294392838 (0xFFFF73C06)
YUV	109.7570, -51.1522, 120.3621
Hunter-Lab	47.9781, 64.8802, 30.4868

# Details

The Hex color **F73C06** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **06C1F7**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7941**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F73700**, and if you desaturate by 10%, it is **F74F1F**.

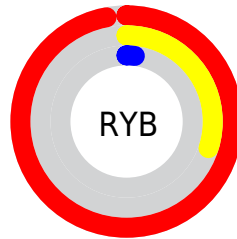
# Distribution



Red (97%)

Green (24%)

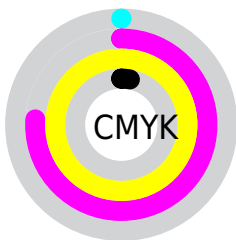
Blue (2%)



Red (97%)

Yellow (30%)

Blue (2%)

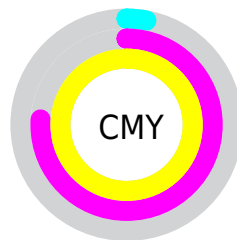


Cyan (0%)

Magenta (76%)

Yellow (98%)

Black (3%)



Cyan (3%)

Magenta (76%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F73C06 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 F73C06 by changing the saturation by 10% instead.



 F73C06

 F73C06

FFFFFF

 D61100

 FF7941

 B50000

 FF965B

 940000

 FFB375

 740000

 FFD18F

 550002

 FFEEAB

 370002

 FFFFC7

 0A0000

 FFFF E3

 000000

 F73C06

 F73C06

 F73700

 F74F1F

 F76237

 F77550

 F78969

 F79C82

 F7AF9A

 F7C2B3

 F7D5CC

 F7E8E4

# Harmonies

## Analogous

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



FF0062



F73C06



C47000

# Triad

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



F73C06



00A253



0082FF

# Complementary

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



F73C06



06C1F7

# 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.



009AFF



F73C06



00A5A9

# Square

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



F73C06



009B00



00A4F6



B255FC

# Rectangle

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



F73C06



978500



00A4F6



008CFF



# Sweetspot

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



F73C06



FFC6B5



F706C3



805D53



000000



808080



# Same Dimension

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



F73C06



FF3900



F7B306



7A716E



BA2A00



3B0D00

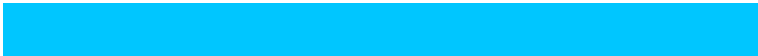


# Inverse Universe

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



06C1F7



00C6FF



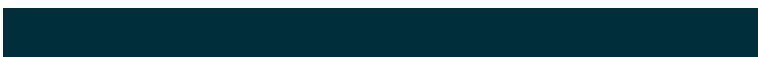
064AF7



6E787A



0090BA



002E3B



# Previews

## White Background



This preview shows how the Hex color F73C06 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 F73C06 Background



This preview shows how black text looks on a background with the Hex color F73C06.



This preview shows how white text looks on a background with the Hex color F73C06.

# 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**  
F73C06

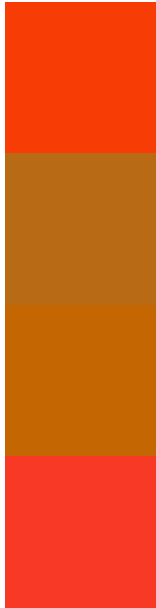
**Protanopia**  
95851D

**Deuteranopia**  
A77E00



**Tritanopia**  
F83839

# Trichromacy



**Original Color**  
F73C06

**Protanomaly**  
B96A15

**Deuteranomaly**  
C46602

**Tritanomaly**  
F83926

# Monochromacy



**Original Color**  
F73C06

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
A05C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F73C06 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 #F73C06 looks like.

```
.text, #text, p{  
    color:#F73C06  
}
```

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 #F73C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F73C06  
}
```

## Border

The CSS property to change the border of an element to Hex F73C06 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  
#F73C06 }
```

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

```
.border{ border-color:#F73C06 }
```

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

Here you see how a box with a 4 pixel #F73C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F73C06; -webkit-box-shadow:4px 4px  
4px 4px #F73C06; box-shadow:4px 4px 4px  
4px #F73C06 }
```

# Background

The CSS property to change the background color of an element to Hex F73C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F73C06 }
```

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

```
.background{ background-color:#F73C06 }
```

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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