

Converting Colors

Hex(F05733)

Have a look what the booklet for
Hex(F05733) contains.

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Color

Hex(F05733)

Conversions

Conversions Part 1

Format	Color
Hex	F05733
RGB	240, 87, 51
RGB Percent	94%, 34%, 20%
CMY	0.0588, 0.6588, 0.8000
CMYK	0.00, 0.64, 0.79, 0.06
HSL	11°, 86%, 57%
HSV	11°, 79%, 94%
XYZ	39.9409, 25.5807, 5.9644
YIQ	128.6430, 102.7440, 21.2400

Conversions

Conversions Part 2

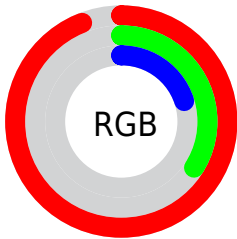
Format	Color
R_{YB}	240, 95, 51
Decimal	15750963
CIE _{Lab}	57.64, 57.11, 51.00
CIE _{LCh}	58, 76.569, 41.767
Yxy	25.5807, 0.5587, 0.3578
Android (android.graphics.Color)	4293941043 (0xFFFF05733)
YUV	128.6430, -38.2780, 97.6601
Hunter-Lab	50.5773, 52.4511, 28.4123

Details

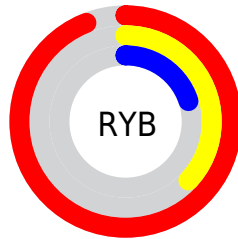
The Hex color **F05733** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33CCF0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8F64**, and **B01801** is the 20% darker color. If you saturate the color by 10%, you get **F0441B**, and if you desaturate by 10%, it is **F06A4B**.

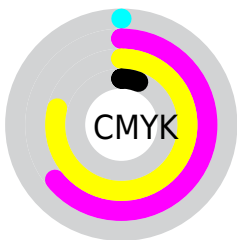
Distribution



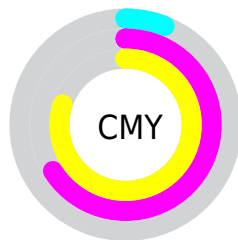
- Red (94%)
- Green (34%)
- Blue (20%)



- Red (94%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (79%)
- Black (6%)



- Cyan (6%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F05733 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 F05733 by changing the saturation by 10% instead.

 F05733

 F05733

FFFFFF

 D03A1B

 FF8F64

 B01801

 FFAB7E

 910000

 FFC898

 710000

 FFE5B3

 530000

 FFFFCF

 370002

 FFFFEC

 0A0000

 000000

 F05733

 F05733

 F0441B

 F06A4B

 F03003

 F07E63

 F02E00

 F0917B

 F0A593

 F0B8AB

 F0CCC3

 F0DFDB

 F0F2F3

 F0FFFF

Harmonies

Analogous

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



FF3A73



F05733



C87800

Triad

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



F05733



00A55E



008AFF

Complementary

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



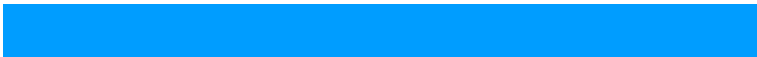
F05733



33CCF0

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.



009DFF



F05733



00A8A4

Square

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



F05733



3F9E0F



00A6E3



AD6BEF

Rectangle

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



F05733



A38900



00A6E3



0092FF

Sweetspot

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



F05733



FFCDC2



F033CD



80625B



000000



808080

Same Dimension

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



F05733



FF3B0D



F0B433



786E6C



B82300



380B00

Inverse Universe

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



33CCF0



0DD1FF



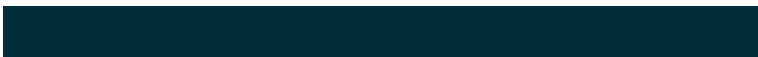
336FF0



6C7678



0095B8



002D38

Previews

White Background



This preview shows how the Hex color F05733 looks on a white background.

Color Contrast Check

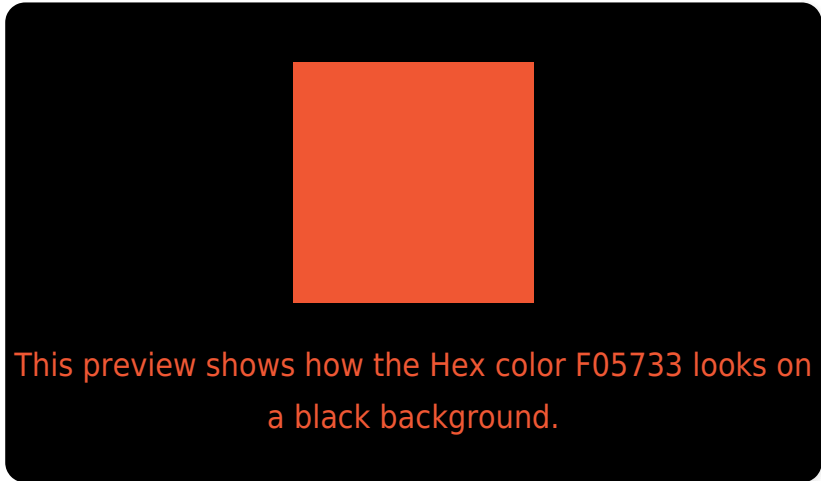
Large Text (above 18pt) WCAG AA ✓ Pass

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 F05733 Background



This preview shows how black text looks on a background with the Hex color F05733.



This preview shows how white text looks on a background with the Hex color F05733.

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
F05733

Protanopia
9A8B42

Deuteranopia
AE8427

Trichromacy



Original Color
F05733

Protanomaly
B9783D

Deuteranomaly
C6742B

Tritanomaly
F1544A

Monochromacy



Original Color
F05733

Achromatopsia
818181

Achromatomaly
A97265

CSS Examples

Text

The CSS property to change the color of the text to Hex F05733 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 #F05733 looks like.

```
.text, #text, p{  
    color:#F05733  
}
```

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 #F05733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05733
}
```

Border

The CSS property to change the border of an element to Hex F05733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

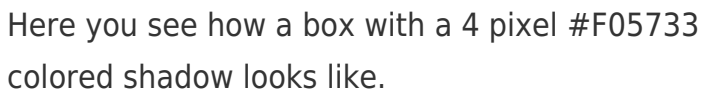
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F05733 }
```

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

```
.border{ border-color:#F05733 }
```

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



Here you see how a box with a 4 pixel `#F05733` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05733; -webkit-box-shadow:4px 4px  
4px 4px #F05733; box-shadow:4px 4px 4px  
4px #F05733 }
```

Background

The CSS property to change the background color of an element to Hex F05733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05733 }
```

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

```
.background{ background-color:#F05733 }
```

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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