

# Converting Colors

Hex(F07538)

Have a look what the booklet for  
Hex(F07538) contains.

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**Color**

**Hex(F07538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F07538
RGB	240, 117, 56
RGB Percent	94%, 46%, 22%
CMY	0.0588, 0.5412, 0.7804
CMYK	0.00, 0.51, 0.77, 0.06
HSL	20°, 86%, 58%
HSV	20°, 77%, 94%
XYZ	43.0103, 31.5334, 7.5610
YIQ	146.8230, 92.8890, 7.1050

# Conversions

## Conversions Part 2

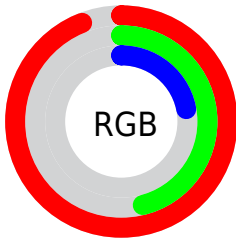
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 147, 56
Decimal	15758648
CIE <sub>Lab</sub>	62.96, 43.54, 53.92
CIE <sub>LCh</sub>	63, 69.309, 51.080
Yxy	31.5334, 0.5238, 0.3841
Android (android.graphics.Color)	4293948728 (0xFFFF07538)
YUV	146.8230, -44.7757, 81.7162
Hunter-Lab	56.1546, 38.4474, 31.3250

# Details

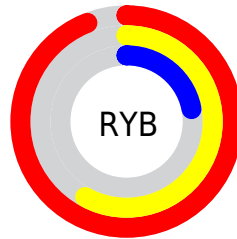
The Hex color **F07538** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **38B3F0**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAB6B**, and **B14100** is the 20% darker color. If you saturate the color by 10%, you get **F06520**, and if you desaturate by 10%, it is **F08550**.

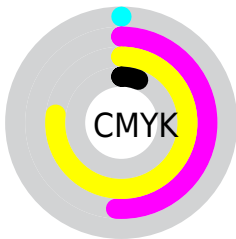
# Distribution



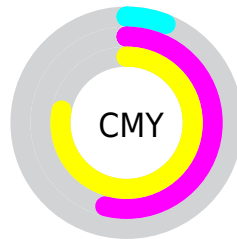
- Red (94%)
- Green (46%)
- Blue (22%)



- Red (94%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (77%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F07538 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 F07538 by changing the saturation by 10% instead.



 F07538

 F07538

FFFFFF

 D05B1F

 FFAB6B

 B14100

 FFC785

 932600

 FFE4A0

 740500

 FFFFBB

 560000

 FFFFD7

 3B0001

 FFFFF4

 1A0001

 000000

 F07538

 F07538

 F06520

 F08550

 F05508

 F09568

 F05000

 F0A580

 F0B598

 F0C5B0

 F0D5C8

 F0E5E0

 F0F5F8

 F0FFFF

# Harmonies

## Analogous

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



FF5D70



F07538



C58F00

# Triad

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



F07538



00B483



7190FF

# Complementary

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



F07538



38B3F0

# 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.



00A5FF



F07538



00B5C3

# Square

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



F07538



39AE45



00B1F7



D073E7

# Rectangle

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



F07538



A19D00



00B1F7



2E98FF



# Sweetspot

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



F07538



FFD8C4



F038B6



80685C



000000



808080



# Same Dimension

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



F07538



FF6214



F0CE38



78706C



B83D00



381300



# Inverse Universe

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



38B3F0



14B1FF



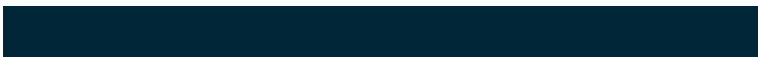
385AF0



6C7478



007BB8



002638



# Previews

## White Background



This preview shows how the Hex color F07538 looks on a white background.

## Color Contrast Check

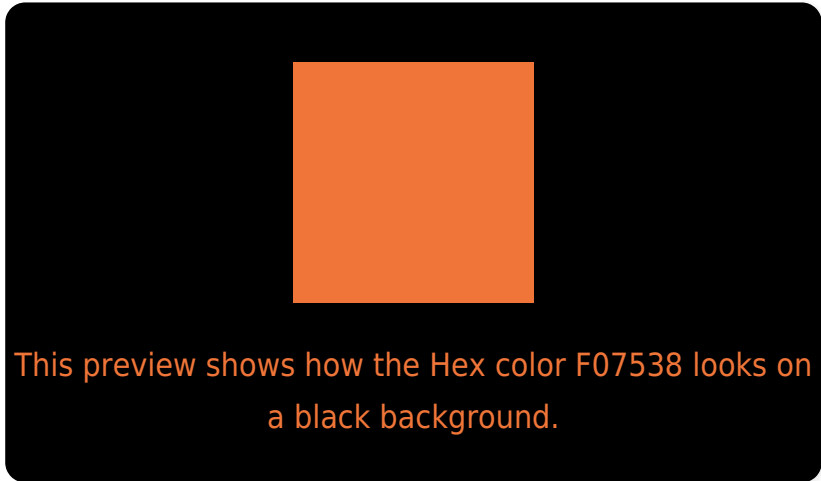
Large Text (above 18pt) WCAG AA × Fail

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 F07538 Background



This preview shows how black text looks on a background with the Hex color F07538.



This preview shows how white text looks on a background with the Hex color F07538.

# 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**  
F07538

**Protanopia**  
AA9942

**Deuteranopia**  
BF9130



**Tritanopia**  
F36E76

# Trichromacy



**Original Color**  
F07538

**Protanomaly**  
C38C3E

**Deuteranomaly**  
D18733

**Tritanomaly**  
F2715F

# Monochromacy



**Original Color**  
F07538

**Achromatopsia**  
939393

**Achromatomaly**  
B58872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F07538 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 #F07538 looks like.

```
.text, #text, p{  
    color:#F07538  
}
```

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 #F07538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07538
}
```

## Border

The CSS property to change the border of an element to Hex F07538 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
#F07538 }
```

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

```
.border{ border-color:#F07538 }
```

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

Here you see how a box with a 4 pixel #F07538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07538; -webkit-box-shadow:4px 4px  
4px 4px #F07538; box-shadow:4px 4px 4px  
4px #F07538 }
```

# Background

The CSS property to change the background color of an element to Hex F07538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07538 }
```

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

```
.background{ background-color:#F07538 }
```

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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