

# Converting Colors

Hex(F05500)

Have a look what the booklet for  
Hex(F05500) contains.

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**Color**

**Hex(F05500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F05500
RGB	240, 85, 0
RGB Percent	94%, 33%, 0%
CMY	0.0588, 0.6667, 1.0000
CMYK	0.00, 0.65, 1.00, 0.06
HSL	21°, 100%, 47%
HSV	21°, 100%, 94%
XYZ	39.1837, 25.0223, 2.7646
YIQ	121.6550, 119.6650, 6.4250

# Conversions

## Conversions Part 2

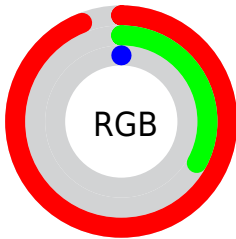
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 132, 0
Decimal	15750400
CIE Lab	57.10, 57.05, 67.25
CIE LCh	57, 88.189, 49.688
Yxy	25.0223, 0.5851, 0.3736
Android (android.graphics.Color)	4293940480 (0xFFFF05500)
YUV	121.6550, -59.9759, 103.7886
Hunter-Lab	50.0223, 52.2845, 31.7388

# Details

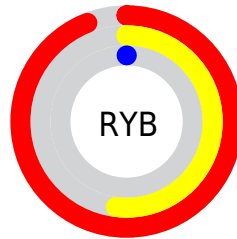
The Hex color **F05500** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **009BF0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8D40**, and **AF1500** is the 20% darker color. If you saturate the color by 10%, you get **F05500**, and if you desaturate by 10%, it is **F06418**.

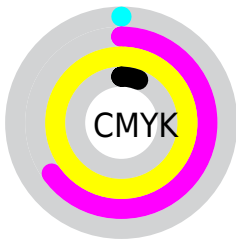
# Distribution



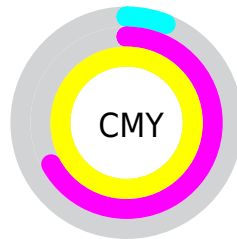
- Red (94%)
- Green (33%)
- Blue (0%)



- Red (94%)
- Yellow (52%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (6%)



- Cyan (6%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F05500 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 F05500 by changing the saturation by 10% instead.



 F05500

 F05500

FFFFFF

 CF3800

 FF8D40

 AF1500

 FFA95B

 8F0000

 FFC575

 700000

 FFE290

 510000

 FFFFAC

 350002

 FFFFC8

 040000

 FFFF E5

 000000

 F05500

 F06418

 F07430

 F08348

 F09360

 F0A278

 F0B290

 F0C2A8

 F0D1C0

 F0E0D8

# Harmonies

## Analogous

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



FF195B



F05500



BC7C00

# Triad

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



F05500



00A86B



1081FF

# Complementary

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



F05500



009BF0

# 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.



009BFF



F05500



00A9BB

# Square

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



F05500



00A209



00A6FE



C856EE

# Rectangle

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



F05500



908E00



00A6FE



008BFF



# Sweetspot

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



F05500



FFCEB3



F0009C



806252



000000



808080



# Same Dimension

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



F05500



FF5A00



F0CC00



78706C



B84100



381400

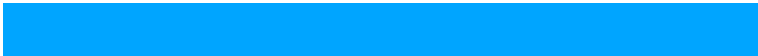


# Inverse Universe

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



009BF0



00A5FF



0024F0



6C7478



0077B8



002438



# Previews

## White Background



This preview shows how the Hex color F05500 looks on a white background.

## Color Contrast Check

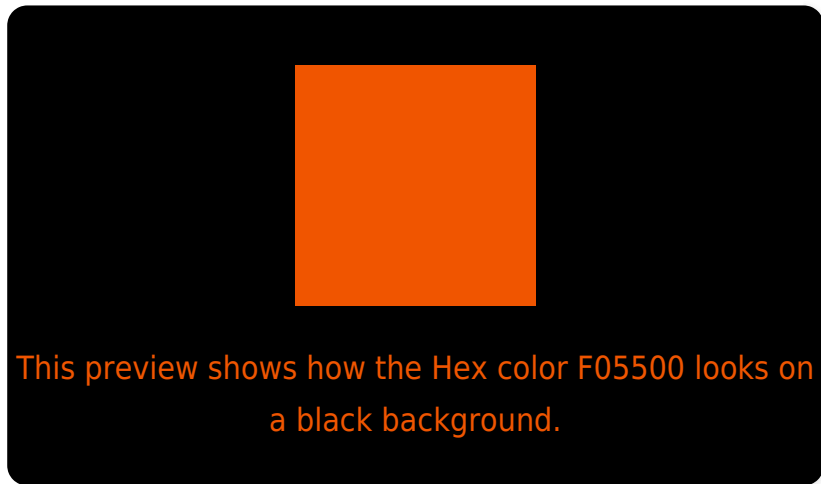
Large Text (above 18pt) WCAG AA ✓ Pass

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 F05500 Background



This preview shows how black text looks on a background with the Hex color F05500.



This preview shows how white text looks on a background with the Hex color F05500.

# 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**  
F05500

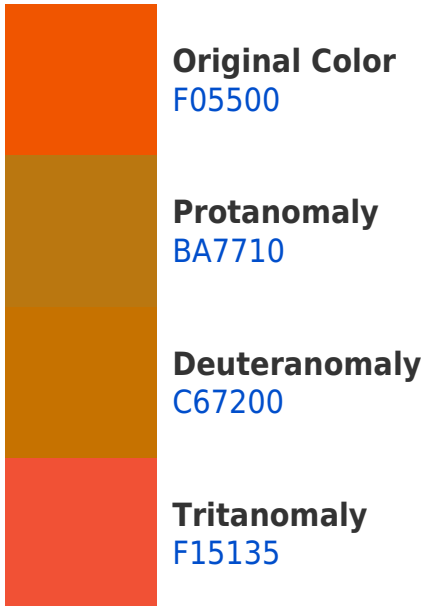
**Protanopia**  
9B8A19

**Deuteranopia**  
AE8300

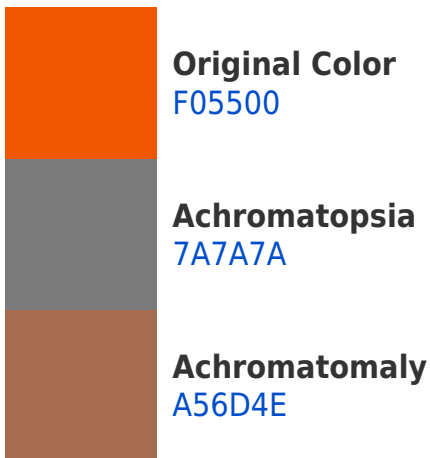


**Tritanopia**  
F24F53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F05500 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 #F05500 looks like.

```
.text, #text, p{  
    color:#F05500  
}
```

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 #F05500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05500
}
```

## Border

The CSS property to change the border of an element to Hex F05500 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
#F05500 }
```

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

```
.border{ border-color:#F05500 }
```

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

Here you see how a box with a 4 pixel #F05500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05500; -webkit-box-shadow:4px 4px  
4px 4px #F05500; box-shadow:4px 4px 4px  
4px #F05500 }
```

# Background

The CSS property to change the background color of an element to Hex F05500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05500 }
```

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

```
.background{ background-color:#F05500 }
```

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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