

# Converting Colors

Hex(F35900)

Have a look what the booklet for  
Hex(F35900) contains.

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**Color**

**Hex(F35900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F35900
RGB	243, 89, 0
RGB Percent	95%, 35%, 0%
CMY	0.0471, 0.6510, 1.0000
CMYK	0.00, 0.63, 1.00, 0.05
HSL	22°, 100%, 48%
HSV	22°, 100%, 95%
XYZ	40.5345, 26.1994, 2.9206
YIQ	124.9000, 120.3530, 4.9690

# Conversions

## Conversions Part 2

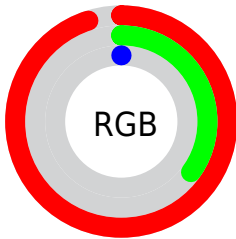
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 140, 0
Decimal	15948032
CIE <sub>Lab</sub>	58.23, 56.42, 68.11
CIE <sub>LCh</sub>	58, 88.439, 50.363
Yxy	26.1994, 0.5819, 0.3761
Android (android.graphics.Color)	4294138112 (0xFFFF35900)
YUV	124.9000, -61.5757, 103.5737
Hunter-Lab	51.1854, 51.7826, 32.4467

# Details

The Hex color **F35900** 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 **009AF3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9041**, and **B21C00** is the 20% darker color. If you saturate the color by 10%, you get **F35900**, and if you desaturate by 10%, it is **F36818**.

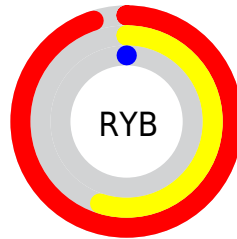
# Distribution



Red (95%)

Green (35%)

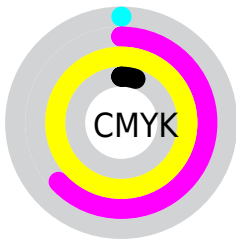
Blue (0%)



Red (95%)

Yellow (55%)

Blue (0%)

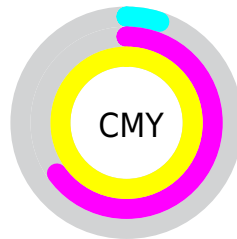


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F35900 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 F35900 by changing the saturation by 10% instead.



 F35900

 F35900

FFFFFF

 D23D00

 FF9041

 B21C00

 FFAD5C

 920000

 FFC977

 720000

 FFE692

 540000

 FFFFAD

 380002

 FFFFC9

 0E0000

 FFFF66

 000000

 F35900

 F36818

 F37831

 F38749

 F39761

 F3A679

 F3B592

 F3C5AA

 F3D4C2

 F3E4DB

# Harmonies

## Analogous

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



FF215C



F35900



BE8000

# Triad

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



F35900



00AB6F



2B83FF

# Complementary

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



F35900



009AF3

# 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



F35900



00ADC0

# Square

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



F35900



00A512



00A9FF



CD57F0

# Rectangle

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



F35900



919100



00A9FF



008EFF



# Sweetspot

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



F35900



FFCFB3



F3009E



806252



000000



808080



# Same Dimension

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



F35900



FF5D00



F3CF00



7A736E



BA4400



3B1500



# Inverse Universe

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



009AF3



00A2FF



0024F3



6E767A



0076BA



00253B



# Previews

## White Background



This preview shows how the Hex color F35900 looks on a white background.

## Color Contrast Check

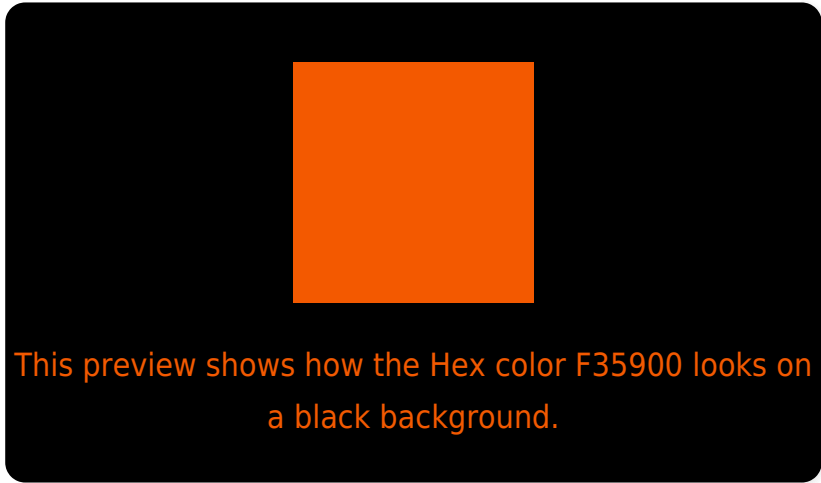
Large Text (above 18pt) WCAG AA ✓ Pass

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 F35900 Background



This preview shows how black text looks on a background with the Hex color F35900.

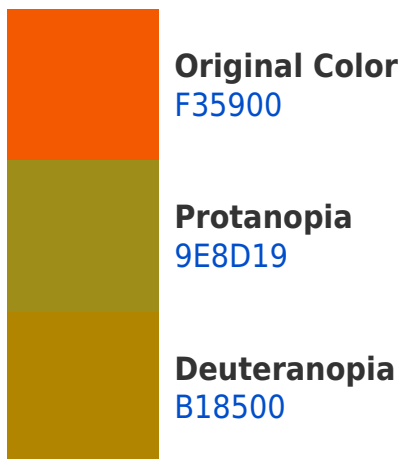


This preview shows how white text looks on a background with the Hex color F35900.

# 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](#).

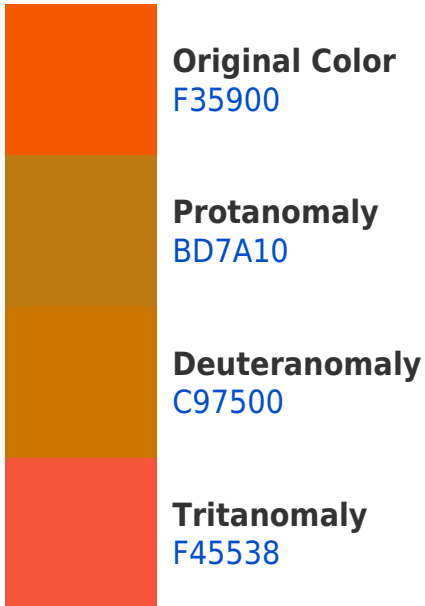
## Dichromacy





**Tritanopia**  
F55358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F35900 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 #F35900 looks like.

```
.text, #text, p{  
    color:#F35900  
}
```

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 #F35900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F35900
}
```

## Border

The CSS property to change the border of an element to Hex F35900 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
#F35900 }
```

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

```
.border{ border-color:#F35900 }
```

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

Here you see how a box with a 4 pixel #F35900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F35900; -webkit-box-shadow:4px 4px  
4px 4px #F35900; box-shadow:4px 4px 4px  
4px #F35900 }
```

# Background

The CSS property to change the background color of an element to Hex F35900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F35900 }
```

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

```
.background{ background-color:#F35900 }
```

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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