

Converting Colors

Hex(FF5C00)

Have a look what the booklet for
Hex(FF5C00) contains.

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Color

Hex(F55C00)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C00
RGB	255, 92, 0
RGB Percent	100%, 36%, 0%
CMY	0.0000, 0.6392, 1.0000
CMYK	0.00, 0.64, 1.00, 0.00
HSL	22°, 100%, 50%
HSV	22°, 100%, 100%
XYZ	45.0671, 28.9143, 3.2057
YIQ	130.2490, 126.6800, 5.9440

Conversions

Conversions Part 2

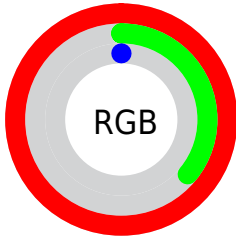
Format	Color
R_{YB}	255, 144, 0
Decimal	16735232
CIE _{Lab}	60.71, 59.26, 70.49
CIE _{LCh}	61, 92.095, 49.947
Yxy	28.9143, 0.5839, 0.3746
Android (android.graphics.Color)	4294925312 (0xFFFF5C00)
YUV	130.2490, -64.2128, 109.4066
Hunter-Lab	53.7720, 55.5026, 34.1057

Details

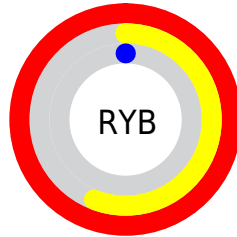
The Hex color **FF5C00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **00A3FF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9443**, and **BD1E00** is the 20% darker color. If you saturate the color by 10%, you get **FF5C00**, and if you desaturate by 10%, it is **FF6C19**.

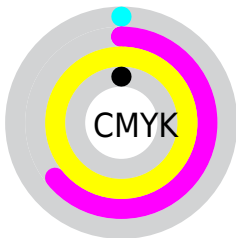
Distribution



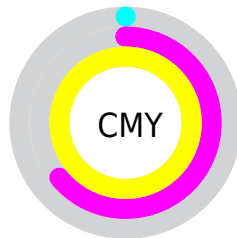
- Red (100%)
- Green (36%)
- Blue (0%)



- Red (100%)
- Yellow (56%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5C00 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 FF5C00 by changing the saturation by 10% instead.

 FF5C00

 FF5C00

FFFFFF

 DE3F00

 FF9443

 BD1E00

 FFB15E

 9D0000

 FFCD78

 7D0000

 FFE894

 5E0000

 FFFF8F

 420003

 FFFFCC

 210001

 FFFF80

 000000

 FF5C00

 FF6C19

 FF7D33

 FF8D4D

 FF9D66

 FFAE80

 FFBE99

 FFCEB3

 FFDECC

 FFEFE6

Harmonies

Analogous

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



FF1E61



FF5C00



C88500

Triad

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



FF5C00



00B373



1F89FF

Complementary

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



FF5C00



00A3FF

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



FF5C00



00B5C8

Square

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



FF5C00



00AC0E



00B1FF



D65CFD

Rectangle

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



FF5C00



999800



00B1FF



0095FF

Sweetspot

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



FF5C00



FFCEB3



FF00A6



806252



000000



808080

Same Dimension

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



FF5C00



FFD900



807773



BF4500



401700

Inverse Universe

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



00A3FF



0026FF



737B80



007ABF



002940

Previews

White Background



This preview shows how the Hex color FF5C00 looks on a white background.

Color Contrast Check

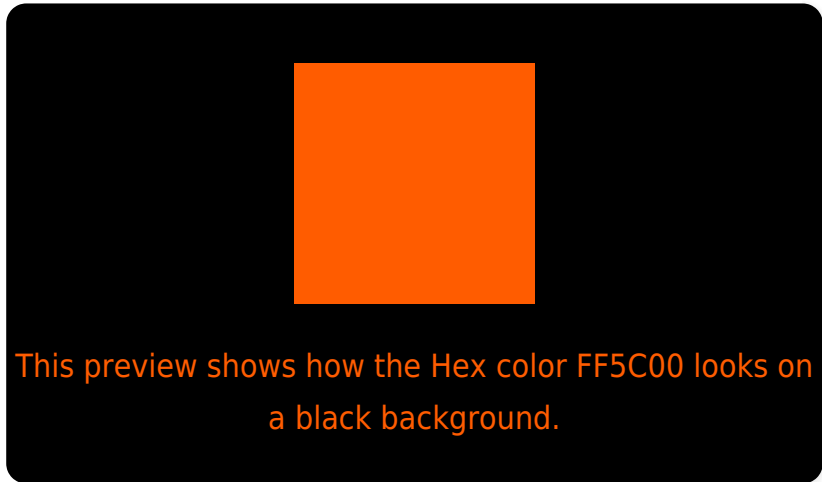
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5C00 Background



This preview shows how black text looks on a background with the Hex color FF5C00.

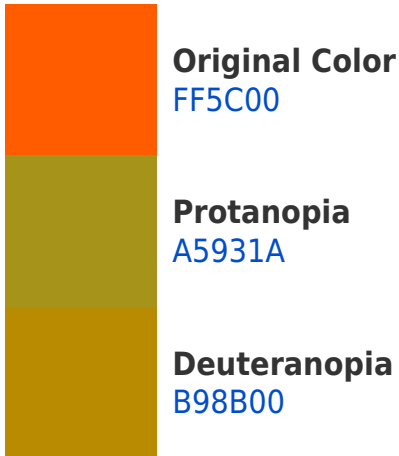


This preview shows how white text looks on a background with the Hex color FF5C00.

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](#).

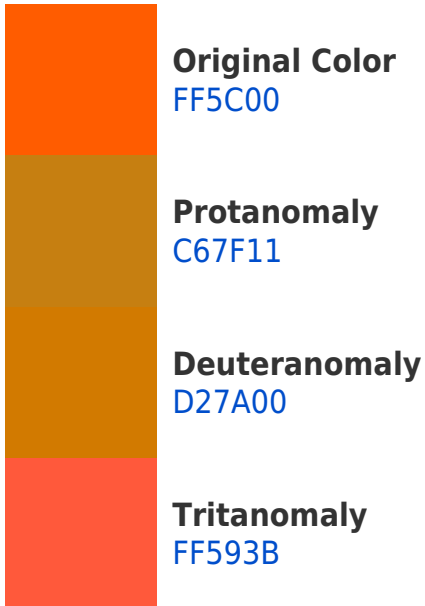
Dichromacy





Tritanopia
FF585C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5C00 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 #FF5C00 looks like.

```
.text, #text, p{  
    color:#FF5C00  
}
```

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 #FF5C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5C00
}
```

Border

The CSS property to change the border of an element to Hex FF5C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

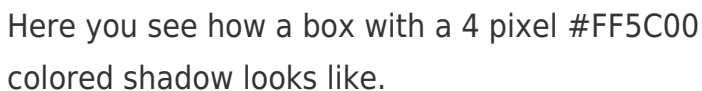
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF5C00 }
```

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

```
.border{ border-color:#FF5C00 }
```

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



Here you see how a box with a 4 pixel `#FF5C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5C00; -webkit-box-shadow:4px 4px  
4px 4px #FF5C00; box-shadow:4px 4px 4px  
4px #FF5C00 }
```

Background

The CSS property to change the background color of an element to Hex FF5C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5C00 }
```

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

```
.background{ background-color:#FF5C00 }
```

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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