

Converting Colors

Hex(F5450A)

Have a look what the booklet for
Hex(F5450A) contains.

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Color

Hex(F5450A)

Conversions

Conversions Part 1

Format	Color
Hex	F5450A
RGB	245, 69, 10
RGB Percent	96%, 27%, 4%
CMY	0.0392, 0.7294, 0.9608
CMYK	0.00, 0.72, 0.96, 0.04
HSL	15°, 92%, 50%
HSV	15°, 96%, 96%
XYZ	39.8391, 23.6906, 2.7602
YIQ	114.8980, 123.8350, 18.9630

Conversions

Conversions Part 2

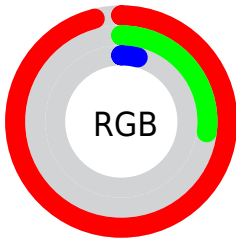
Format	Color
R_{YB}	245, 89, 10
Decimal	16073994
CIE _{Lab}	55.78, 64.81, 65.00
CIE _{LCh}	56, 91.790, 45.085
Yxy	23.6906, 0.6010, 0.3574
Android (android.graphics.Color)	4294264074 (0xFFFF5450A)
YUV	114.8980, -51.7147, 114.0995
Hunter-Lab	48.6730, 60.9253, 30.7089

Details

The Hex color **F5450A** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0ABAF5**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8043**, and **B30000** is the 20% darker color. If you saturate the color by 10%, you get **F53E00**, and if you desaturate by 10%, it is **F55722**.

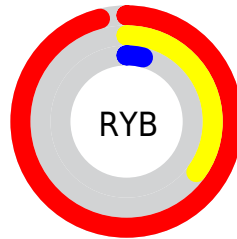
Distribution



Red (96%)

Green (27%)

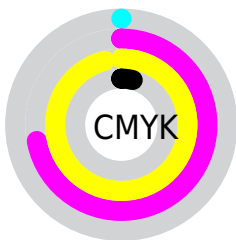
Blue (4%)



Red (96%)

Yellow (35%)

Blue (4%)

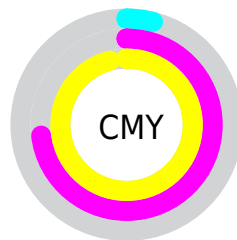


Cyan (0%)

Magenta (72%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (73%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5450A 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 F5450A by changing the saturation by 10% instead.

 F5450A

 F5450A

FFFFFF

 D42200

 FF8043

 B30000

 FF9C5D

 930000

 FFB978

 730000

 FFD792

 540001

 FFF4AE

 370002

 FFFFCA

 090000

 FFFF66

 000000

 F5450A

 F5450A

 F53E00

 F55722

 F56A3B

 F57C54

 F58E6C

 F5A184

 F5B39D

 F5C5B6

 F5D8CE

 F5EAE7

Harmonies

Analogous

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



FF0062



F5450A



C37300

Triad

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



F5450A



00A459



0083FF

Complementary

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



F5450A



00BAF5

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



F5450A



00A6AD

Square

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



F5450A



009D00



00A5F6



B757F8

Rectangle

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



F5450A



978700



00A5F6



008DFF

Sweetspot

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



F5450A



FFC8B5



F50ABA



805E53



000000



808080

Same Dimension

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



F5450A



FF4000



F5BA0A



7A716E



BA2F00



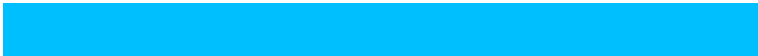
3B0F00

Inverse Universe

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



0ABAF5



00BFFF



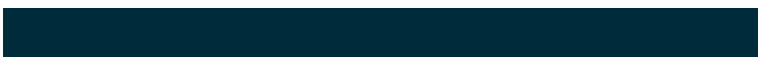
0A45F5



6E777A



008BBA



002C3B

Previews

White Background



This preview shows how the Hex color F5450A looks on a white background.

Color Contrast Check

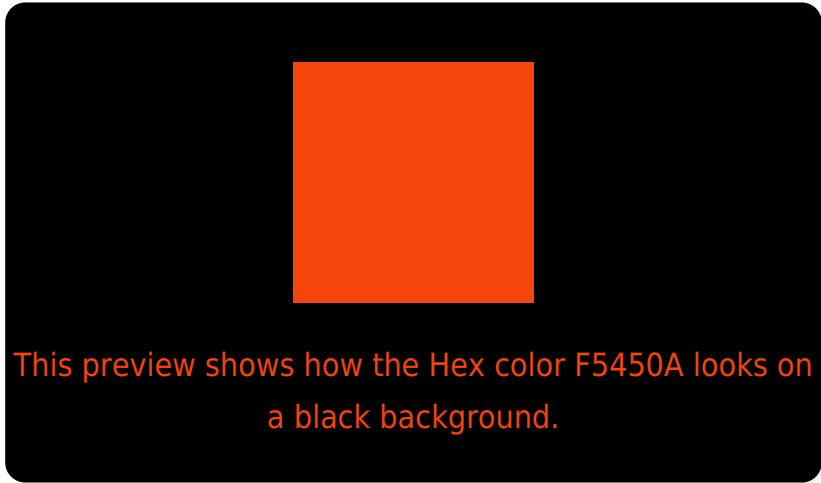
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5450A Background



This preview shows how black text looks on a background with the Hex color F5450A.



This preview shows how white text looks on a background with the Hex color F5450A.

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
F5450A

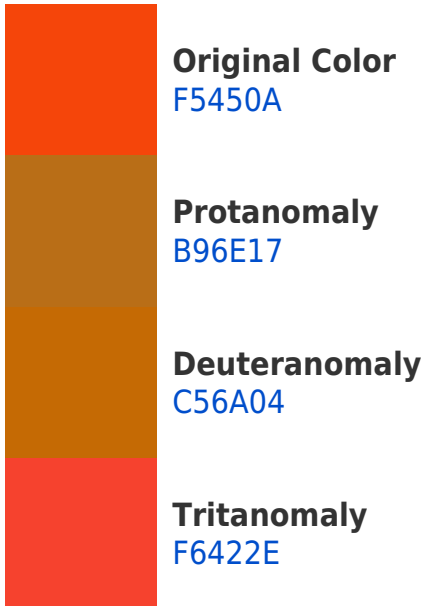
Protanopia
97861E

Deuteranopia
A97F00



Tritanopia
F64043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5450A 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 #F5450A looks like.

```
.text, #text, p{  
    color:#F5450A  
}
```

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 #F5450A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5450A
}
```

Border

The CSS property to change the border of an element to Hex F5450A 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".

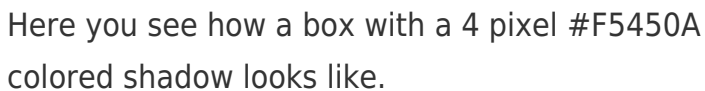
```
.border, #border, table{ border:4px solid
#F5450A }
```

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

```
.border{ border-color:#F5450A }
```

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

Here you see how a box with a 4 pixel #F5450A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5450A; -webkit-box-shadow:4px 4px  
4px 4px #F5450A; box-shadow:4px 4px 4px  
4px #F5450A }
```

Background

The CSS property to change the background color of an element to Hex F5450A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5450A }
```

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

```
.background{ background-color:#F5450A }
```

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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