

Converting Colors

Hex(F55D0A)

Have a look what the booklet for
Hex(F55D0A) contains.

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Color

Hex(F55D0A)

Conversions

Conversions Part 1

Format	Color
Hex	F55D0A
RGB	245, 93, 10
RGB Percent	96%, 36%, 4%
CMY	0.0392, 0.6353, 0.9608
CMYK	0.00, 0.62, 0.96, 0.04
HSL	21°, 92%, 50%
HSV	21°, 96%, 96%
XYZ	41.6253, 27.2631, 3.3556
YIQ	128.9860, 117.2350, 6.4110

Conversions

Conversions Part 2

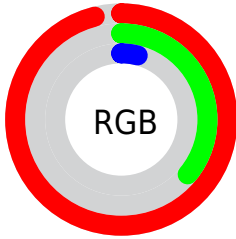
Format	Color
R _Y B	245, 138, 10
Decimal	16080138
CIE Lab	59.22, 55.49, 66.98
CIE LCh	59, 86.980, 50.359
Yxy	27.2631, 0.5762, 0.3774
Android (android.graphics.Color)	4294270218 (0xFFF55D0A)
YUV	128.9860, -58.6601, 101.7443
Hunter-Lab	52.2141, 50.9265, 32.7395

Details

The Hex color **F55D0A** 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 **0AA2F5**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9446**, and **B42200** is the 20% darker color. If you saturate the color by 10%, you get **F55700**, and if you desaturate by 10%, it is **F56D22**.

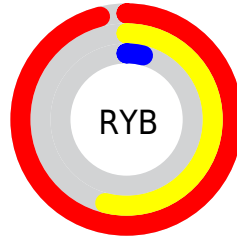
Distribution



Red (96%)

Green (36%)

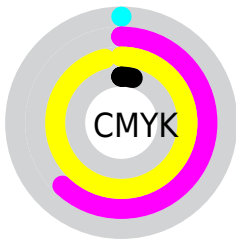
Blue (4%)



Red (96%)

Yellow (54%)

Blue (4%)

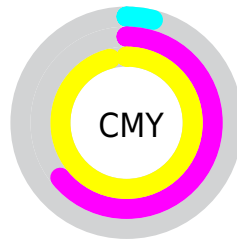


Cyan (0%)

Magenta (62%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F55D0A 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 F55D0A by changing the saturation by 10% instead.

 F55D0A

 F55D0A

FFFFFF

 D44100

 FF9446

 B42200

 FFB061

 940000

 FFCD7B

 750000

 FFEA97

 560000

 FFFFB2

 3B0002

 FFFFCE

 140000

 FFFFEB

 000000

 F55D0A

 F55D0A

 F55700

 F56D22

 F57D3B

 F58D54

 F59C6C

 F5AC84

 F5BC9D

 F5CCB6

 F5DCCE

 F5ECE7

Harmonies

Analogous

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



FF2C5F



F55D0A



C18300

Triad

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



F55D0A



00AD72



3786FF

Complementary

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



F55D0A



0AA2F5

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.



00A0FF



F55D0A



00AFC2

Square

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



F55D0A



00A71A



00ACFF



CF5CF1

Rectangle

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



F55D0A



959400



00ACFF



0090FF

Sweetspot

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



F55D0A



FFCFB5



F50AA3



806353



000000



808080

Same Dimension

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



F55D0A



FF5A00



F5D20A



7A726E



BA4200



3B1500

Inverse Universe

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



0AA2F5



00A5FF



0A2DF5



6E767A



0078BA



00263B

Previews

White Background



This preview shows how the Hex color F5D0A looks on a white background.

Color Contrast Check

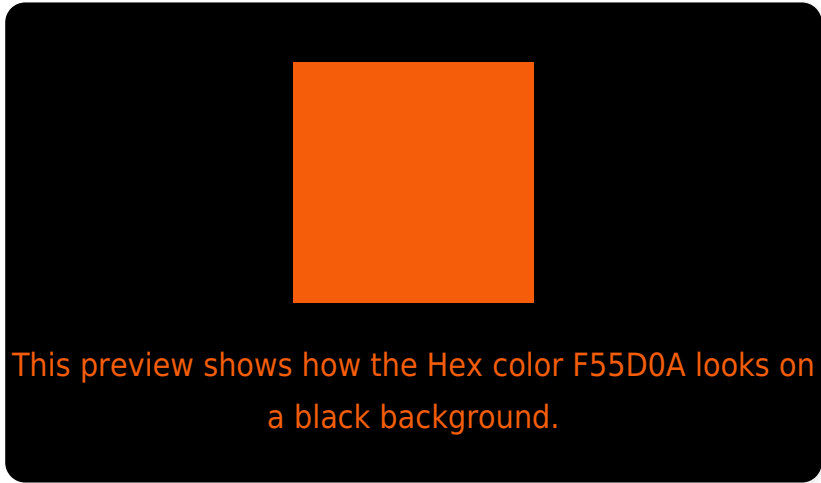
Large Text (above 18pt) WCAG AA ✓ Pass

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 F55D0A Background



This preview shows how black text looks on a background with the Hex color F55D0A.

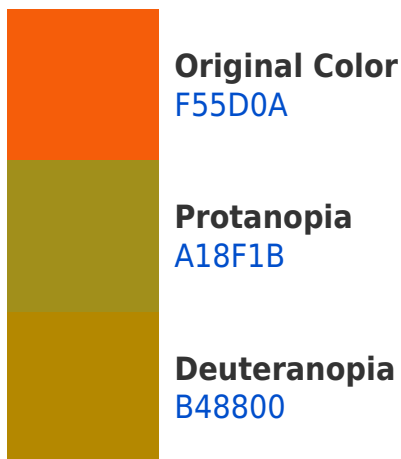


This preview shows how white text looks on a background with the Hex color F55D0A.

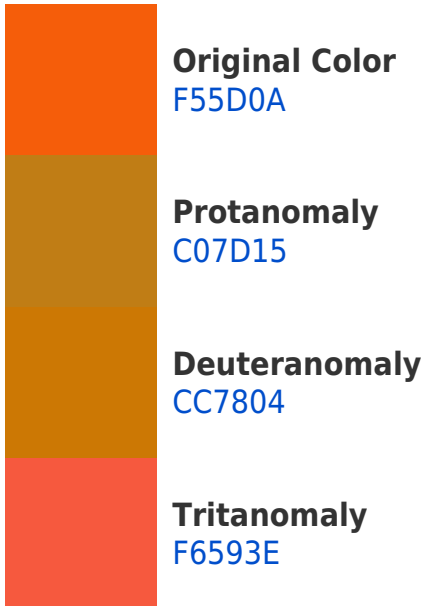
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F55D0A 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 #F55D0A looks like.

```
.text, #text, p{  
    color:#F55D0A  
}
```

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 #F55D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55D0A
}
```

Border

The CSS property to change the border of an element to Hex F55D0A 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
#F55D0A }
```

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

```
.border{ border-color:#F55D0A }
```

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

Here you see how a box with a 4 pixel #F55D0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55D0A; -webkit-box-shadow:4px 4px  
4px 4px #F55D0A; box-shadow:4px 4px 4px  
4px #F55D0A }
```

Background

The CSS property to change the background color of an element to Hex F55D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55D0A }
```

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

```
.background{ background-color:#F55D0A }
```

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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