

Converting Colors

Hex(F38010)

Have a look what the booklet for
Hex(F38010) contains.

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Color

Hex(F38010)

Conversions

Conversions Part 1

Format	Color
Hex	F38010
RGB	243, 128, 16
RGB Percent	95%, 50%, 6%
CMY	0.0471, 0.4980, 0.9373
CMYK	0.00, 0.47, 0.93, 0.05
HSL	30°, 90%, 51%
HSV	30°, 93%, 95%
XYZ	44.7748, 34.5304, 4.7954
YIQ	149.6170, 104.4920, -10.4520

Conversions

Conversions Part 2

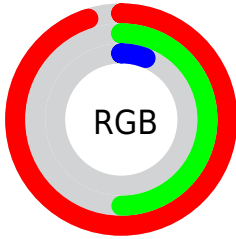
Format	Color
R _Y B	243, 237, 16
Decimal	15958032
CIE Lab	65.38, 38.26, 69.68
CIE LCh	65, 79.499, 61.228
Yxy	34.5304, 0.5324, 0.4106
Android (android.graphics.Color)	4294148112 (0xFFFF38010)
YUV	149.6170, -65.8732, 81.8969
Hunter-Lab	58.7626, 33.1756, 36.2954

Details

The Hex color **F38010** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1083F3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB64E**, and **B44D00** is the 20% darker color. If you saturate the color by 10%, you get **F37800**, and if you desaturate by 10%, it is **F38C28**.

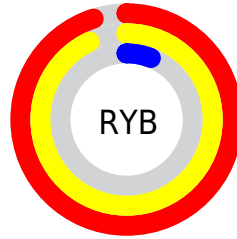
Distribution



Red (95%)

Green (50%)

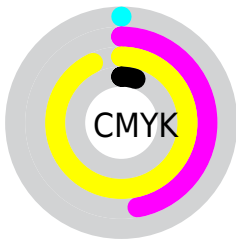
Blue (6%)



Red (95%)

Yellow (93%)

Blue (6%)

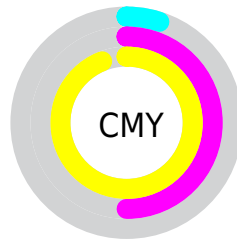


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (5%)



Cyan (5%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F38010 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 F38010 by changing the saturation by 10% instead.

 F38010

 F38010

FFFFFF

 D36600

 FFB64E

 B44D00

 FFD269

 943400

 FFEF84

 761A00

 FFFFA0

 580000

 FFFFBC

 3C0000

 FFFFD9

 200001

 FFFFF6

 000000

 F38010

 F38010

 F37800

 F38C28

 F39941

 F3A559

 F3B171

 F3BE8A

 F3CAA2

 F3D6BA

 F3E2D2

 F3EFEB

Harmonies

Analogous

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



FF5E59



F38010



BC9D00

Triad

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



F38010



00BEA0



9E8AFF

Complementary

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



F38010



1083F3

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.



00A7FF



F38010



00BEE7

Square

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



F38010



00BA55



00B7FF



F566E5

Rectangle

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



F38010



8EAA00



00B7FF



6B95FF

Sweetspot

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



F38010



FFDBB8



F31085



806A54



000000



808080

Same Dimension

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



F38010



FF7E00



F3EF10



7A746E



BA5C00



3B1D00

Inverse Universe

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



1083F3



0081FF



1014F3



6E747A



005EBA



001E3B

Previews

White Background



This preview shows how the Hex color F38010 looks on a white background.

Color Contrast Check

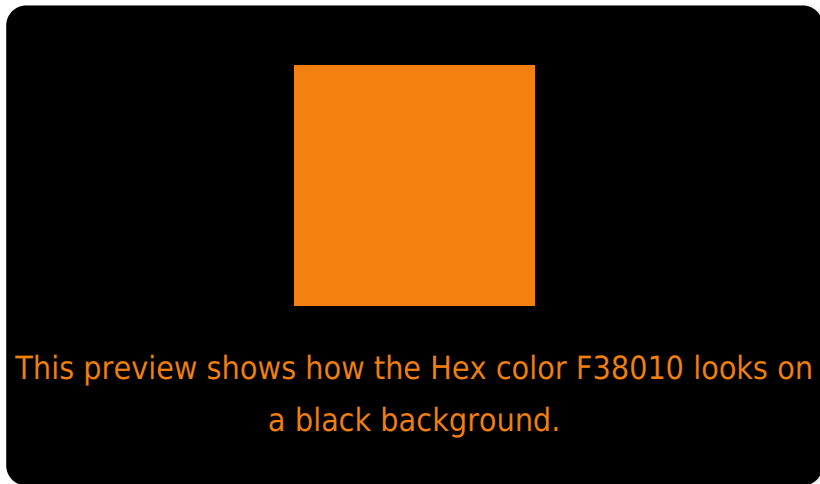
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F38010 Background



This preview shows how black text looks on a background with the Hex color F38010.



This preview shows how white text looks on a background with the Hex color F38010.

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](#).

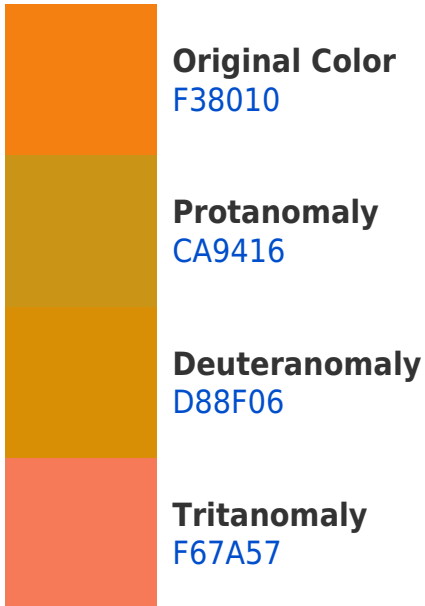
Dichromacy



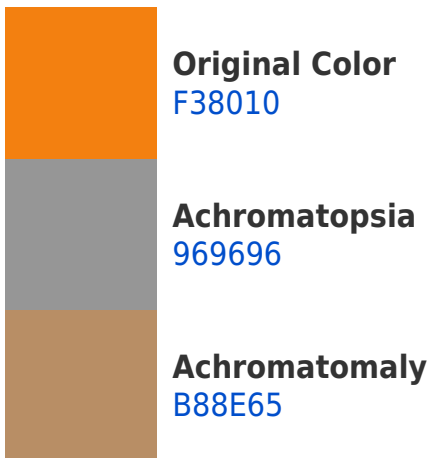


Tritanopia
F7777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F38010 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 #F38010 looks like.

```
.text, #text, p{  
    color:#F38010  
}
```

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 #F38010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F38010
}
```

Border

The CSS property to change the border of an element to Hex F38010 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
#F38010 }
```

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

```
.border{ border-color:#F38010 }
```

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

Here you see how a box with a 4 pixel #F38010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F38010; -webkit-box-shadow:4px 4px  
4px 4px #F38010; box-shadow:4px 4px 4px  
4px #F38010 }
```

Background

The CSS property to change the background color of an element to Hex F38010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F38010 }
```

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

```
.background{ background-color:#F38010 }
```

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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