

Converting Colors

Hex(F3990C)

Have a look what the booklet for
Hex(F3990C) contains.

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Color

Hex(F3990C)

Conversions

Conversions Part 1

Format	Color
Hex	F3990C
RGB	243, 153, 12
RGB Percent	95%, 60%, 5%
CMY	0.0471, 0.4000, 0.9529
CMYK	0.00, 0.37, 0.95, 0.05
HSL	37°, 91%, 50%
HSV	37°, 95%, 95%
XYZ	48.4197, 41.8637, 5.8763
YIQ	163.8360, 98.9010, -24.7710

Conversions

Conversions Part 2

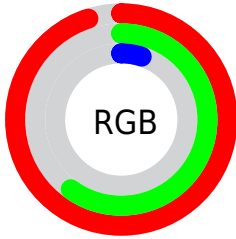
Format	Color
RYB	159, 243, 12
Decimal	15964428
CIELab	70.78, 25.29, 74.03
CIELCh	71, 78.235, 71.139
Yxy	41.8637, 0.5035, 0.4354
Android (android.graphics.Color)	4294154508 (0xFFFF3990C)
YUV	163.8360, -74.8551, 69.4268
Hunter-Lab	64.7022, 20.3514, 39.9067

Details

The Hex color **F3990C** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0C66F3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCF50**, and **B46600** is the 20% darker color. If you saturate the color by 10%, you get **F39400**, and if you desaturate by 10%, it is **F3A224**.

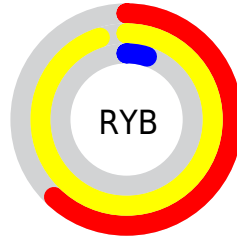
Distribution



Red (95%)

Green (60%)

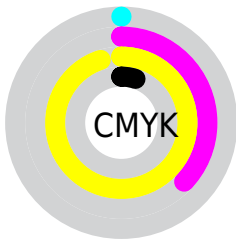
Blue (5%)



Red (62%)

Yellow (95%)

Blue (5%)

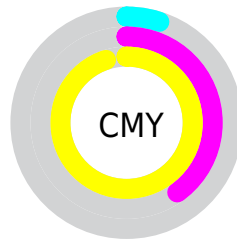


Cyan (0%)

Magenta (37%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3990C 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 F3990C by changing the saturation by 10% instead.

 F3990C

 F3990C

FFFFFF

 D37F00

 FFCF50

 B46600

 FFEC6C

 964D00

 FFFF88

 783600

 FFFFA4

 5B1F00

 FFFFC1

 3F0800

 FFFFDE

 280001

 FFFFFB

 000000

 F3990C

 F3990C

 F39400

 F3A224

 F3AC3D

 F3B555

 F3BF6D

 F3C885

 F3D29E

 F3DBB6

 F3E5CE

 F3EEE7

Harmonies

Analogous

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



FF7952



F3990C



B6B200

Triad

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



F3990C



00CEC7



D18EFF

Complementary

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



F3990C



0C66F3

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.



28ADFF



F3990C



00CCFF

Square

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



F3990C



00CB7C



00C1FF



FF6DDD

Rectangle

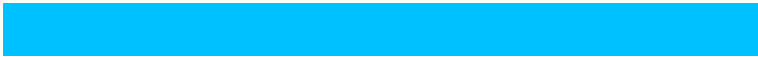
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3990C



85BE1C



00C1FF



AE99FF

Sweetspot

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



F3990C



FFE2B5



F30C68



806E53



000000



808080

Same Dimension

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



F3990C



FF9C00



DCF30C



7A766E



BA7200



3B2400

Inverse Universe

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



0C66F3



0063FF



230CF3



6E737A



0049BA



00173B

Previews

White Background



This preview shows how the Hex color F3990C looks on a white background.

Color Contrast Check

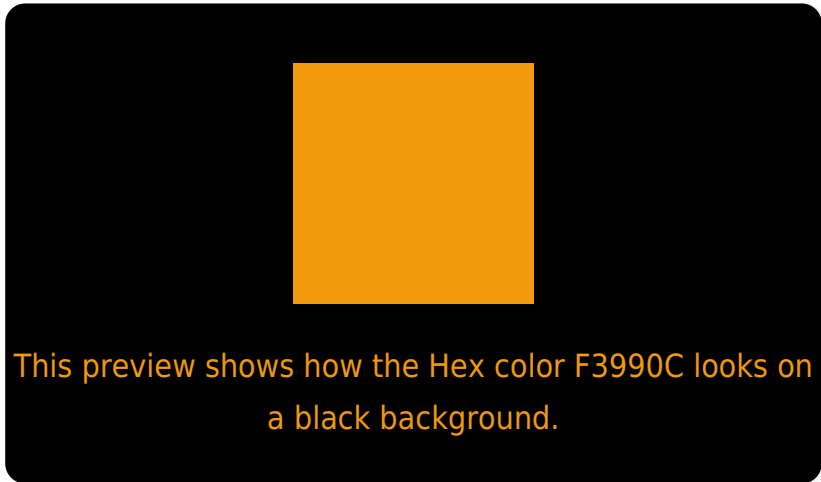
Large Text (above 18pt) WCAG AA × Fail

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 F3990C Background



This preview shows how black text looks on a background with the Hex color F3990C.



This preview shows how white text looks on a background with the Hex color F3990C.

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
F3990C

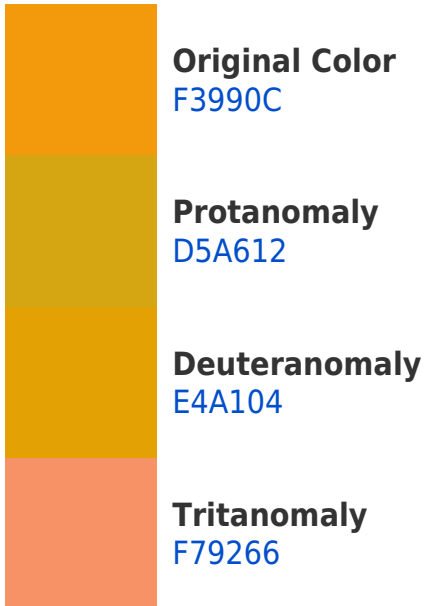
Protanopia
C4AE15

Deuteranopia
DBA500

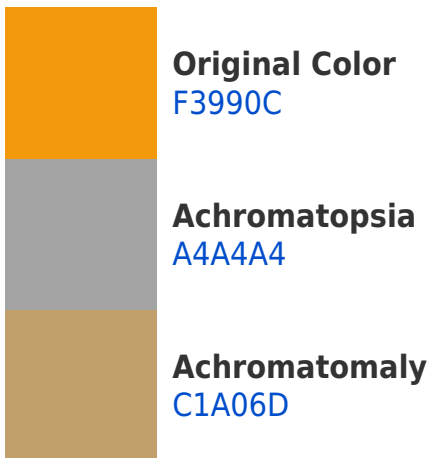


Tritanopia
F98E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3990C 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 #F3990C looks like.

```
.text, #text, p{  
    color:#F3990C  
}
```

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 #F3990C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3990C
}
```

Border

The CSS property to change the border of an element to Hex F3990C 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
#F3990C }
```

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

```
.border{ border-color:#F3990C }
```

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

Here you see how a box with a 4 pixel #F3990C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3990C; -webkit-box-shadow:4px 4px  
4px 4px #F3990C; box-shadow:4px 4px 4px  
4px #F3990C }
```

Background

The CSS property to change the background color of an element to Hex F3990C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3990C }
```

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

```
.background{ background-color:#F3990C }
```

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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