

Converting Colors

Hex(F3980A)

Have a look what the booklet for
Hex(F3980A) contains.

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Color

Hex(F3980A)

Conversions

Conversions Part 1

Format	Color
Hex	F3980A
RGB	243, 152, 10
RGB Percent	95%, 60%, 4%
CMY	0.0471, 0.4039, 0.9608
CMYK	0.00, 0.37, 0.96, 0.05
HSL	37°, 92%, 50%
HSV	37°, 96%, 95%
XYZ	48.2452, 41.5331, 5.7610
YIQ	163.0210, 99.8180, -24.8700

Conversions

Conversions Part 2

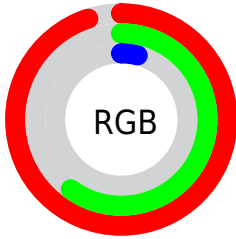
Format	Color
RYB	159, 243, 10
Decimal	15964170
CIELab	70.55, 25.80, 74.14
CIELCh	71, 78.497, 70.813
Yxy	41.5331, 0.5050, 0.4347
Android (android.graphics.Color)	4294154250 (0xFFFF3980A)
YUV	163.0210, -75.4394, 70.1416
Hunter-Lab	64.4462, 20.8465, 39.8122

Details

The Hex color **F3980A** 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 **0A65F3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCE50**, and **B46500** is the 20% darker color. If you saturate the color by 10%, you get **F39400**, and if you desaturate by 10%, it is **F3A122**.

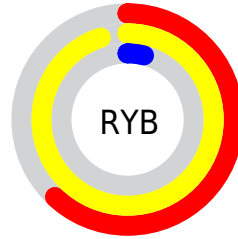
Distribution



Red (95%)

Green (60%)

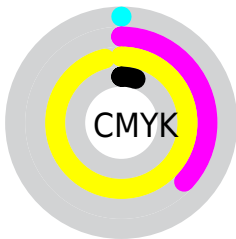
Blue (4%)



Red (62%)

Yellow (95%)

Blue (4%)

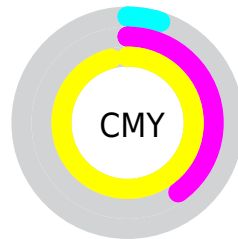


Cyan (0%)

Magenta (37%)

Yellow (96%)

Black (5%)



Cyan (5%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3980A 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 F3980A by changing the saturation by 10% instead.

 F3980A

 F3980A

FFFFFF

 D37E00

 FFCE50

 B46500

 FFE86C

 964C00

 FFFF87

 783500

 FFFFA4

 5B1E00

 FFFFC0

 3F0700

 FFFFDD

 280001

 FFFFFB

 000000

 F3980A

 F3980A

 F39400

 F3A122

 F3AB3B

 F3B453

 F3BE6B

 F3C783

 F3D19C

 F3DAB4

 F3E4CC

 F3EDE5

Harmonies

Analogous

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



FF7852



F3980A



B6B100

Triad

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



F3980A



00CDC5



D08DFF

Complementary

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



F3980A



0A65F3

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.



1CACFF



F3980A



00CBFF

Square

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



F3980A



00CA7B



00C1FF



FF6CDD

Rectangle

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



F3980A



85BD19



00C1FF



AC99FF

Sweetspot

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



F3980A



FFE2B5



F30A67



806E53



000000



808080

Same Dimension

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



F3980A



FF9B00



DCF30A



7A766E



BA7100



3B2400

Inverse Universe

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



0A65F3



0064FF



210AF3



6E737A



0049BA



00173B

Previews

White Background



This preview shows how the Hex color F3980A looks on a white background.

Color Contrast Check

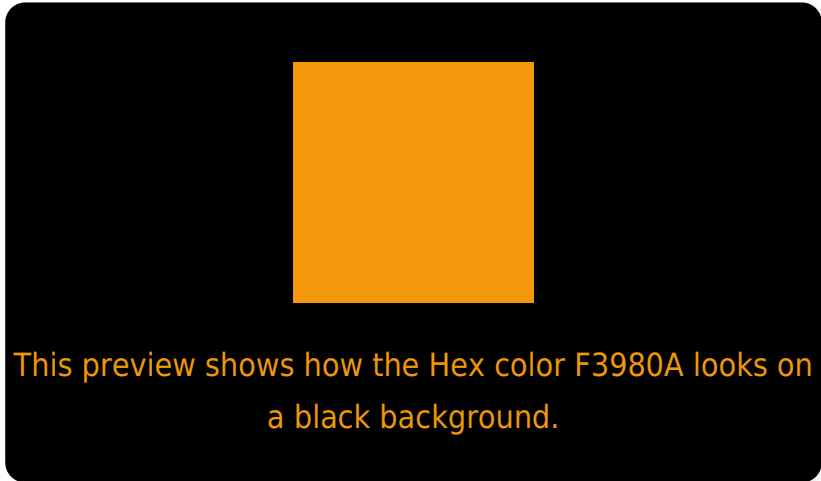
Large Text (above 18pt) WCAG AA × Fail

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 F3980A Background



This preview shows how black text looks on a background with the Hex color F3980A.

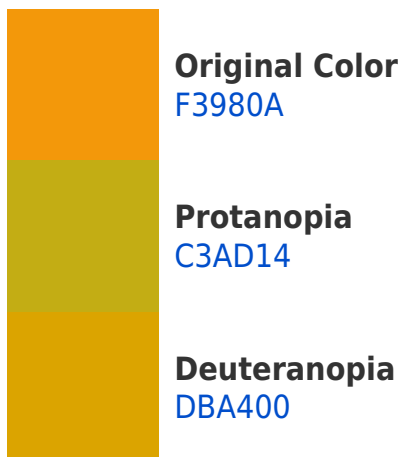


This preview shows how white text looks on a background with the Hex color F3980A.

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](#).

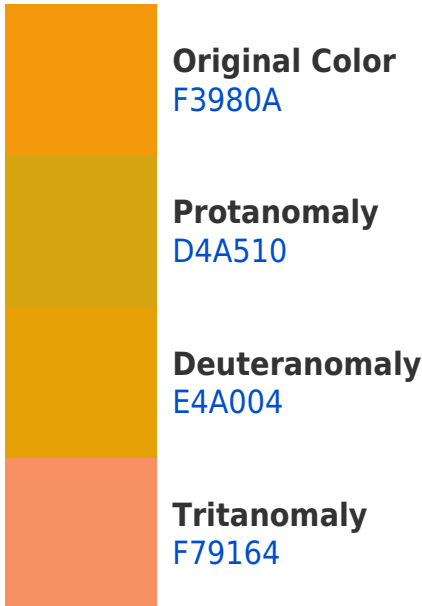
Dichromacy



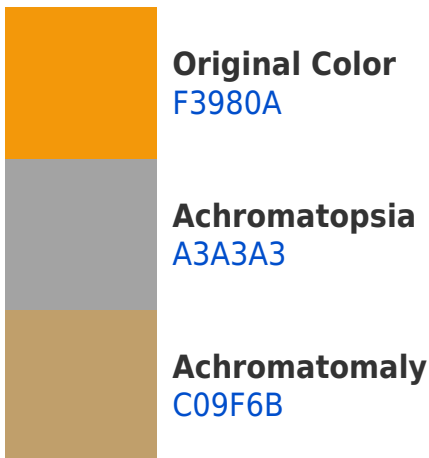


Tritanopia
F98D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3980A 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 #F3980A looks like.

```
.text, #text, p{  
    color:#F3980A  
}
```

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 #F3980A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3980A
}
```

Border

The CSS property to change the border of an element to Hex F3980A 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
#F3980A }
```

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

```
.border{ border-color:#F3980A }
```

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

Here you see how a box with a 4 pixel #F3980A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3980A; -webkit-box-shadow:4px 4px  
4px 4px #F3980A; box-shadow:4px 4px 4px  
4px #F3980A }
```

Background

The CSS property to change the background color of an element to Hex F3980A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3980A }
```

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

```
.background{ background-color:#F3980A }
```

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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