

Converting Colors

Hex(FFA01A)

Have a look what the booklet for
Hex(FFA01A) contains.

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Color

Hex(FFA01A)

Conversions

Conversions Part 1

Format	Color
Hex	FFA01A
RGB	255, 160, 26
RGB Percent	100%, 63%, 10%
CMY	0.0000, 0.3725, 0.8980
CMYK	0.00, 0.37, 0.90, 0.00
HSL	35°, 100%, 55%
HSV	35°, 90%, 100%
XYZ	53.9973, 46.4762, 7.1021
YIQ	173.1290, 99.6340, -21.5340

Conversions

Conversions Part 2

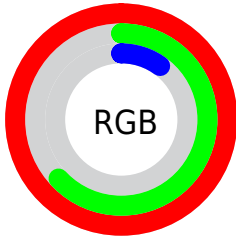
Format	Color
RYB	188, 255, 26
Decimal	16752666
CIELab	73.85, 26.81, 74.41
CIElCh	74, 79.094, 70.187
Yxy	46.4762, 0.5019, 0.4320
Android (android.graphics.Color)	4294942746 (0xFFFFA01A)
YUV	173.1290, -72.5346, 71.8009
Hunter-Lab	68.1734, 22.0786, 41.5447

Details

The Hex color **FFA01A** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1A79FF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD758**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9500**, and if you desaturate by 10%, it is **FFAB33**.

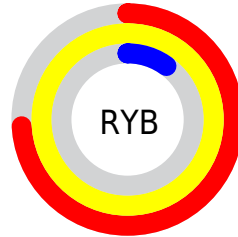
Distribution



Red (100%)

Green (63%)

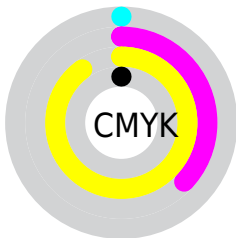
Blue (10%)



Red (74%)

Yellow (100%)

Blue (10%)

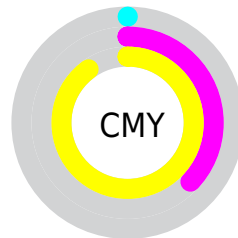


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA01A 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 FFA01A by changing the saturation by 10% instead.

 FFA01A

 FFA01A

FFFFFF

 DF8600

 FFD758

 C06C00

 FFF374

 A15300

 FFFF90

 833C00

 FFFFAC

 652500

 FFFFC9

 490E00

 FFFF E6

 2F0000

 010000

 000000

 FFA01A

 FFA01A

 FF9500

 FFAB33

 FFB54D

 FFC066

 FFCA80

 FFD599

 FFDFB3

 FFEACC

 FFF5E6

FFFFFF

Harmonies

Analogous

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



FF805B



FFA01A



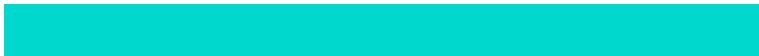
C2BA00

Triad

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



FFA01A



00D7CD



D897FF

Complementary

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



FFA01A



1A79FF

Split Complementary

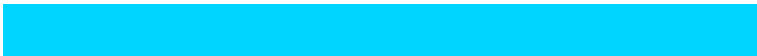
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29B6FF



FFA01A



00D5FF

Square

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



FFA01A



00D481



00CBFF



FF76E8

Rectangle

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



FFA01A



8FC622



00CBFF



B3A2FF

Sweetspot

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



FFA01A



FFE2BA



FF1A79



806F57



000000



808080

Same Dimension

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



FFA01A



FF9500



ECFF1A



807A73



BF7000



402500

Inverse Universe

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



1A79FF



006AFF



2D1AFF



737880



004FBF



001A40

Previews

White Background



This preview shows how the Hex color FFA01A looks on a white background.

Color Contrast Check

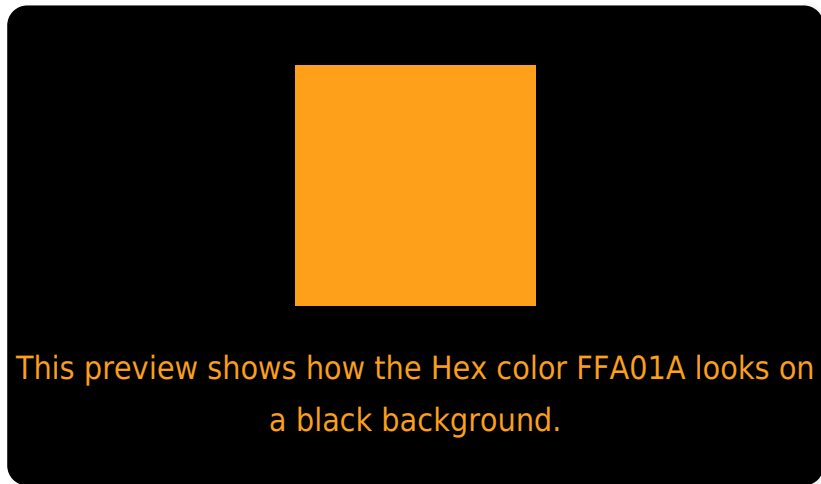
Large Text (above 18pt) WCAG AA × Fail

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 FFA01A Background



This preview shows how black text looks on a background with the Hex color FFA01A.

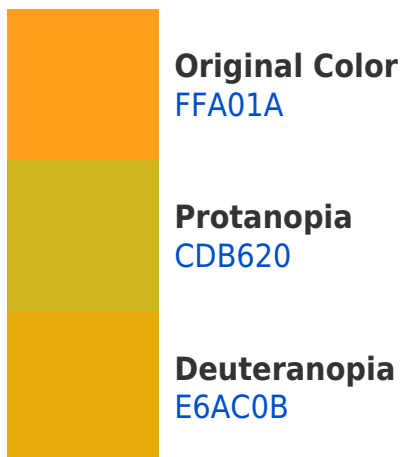


This preview shows how white text looks on a background with the Hex color FFA01A.

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](#).

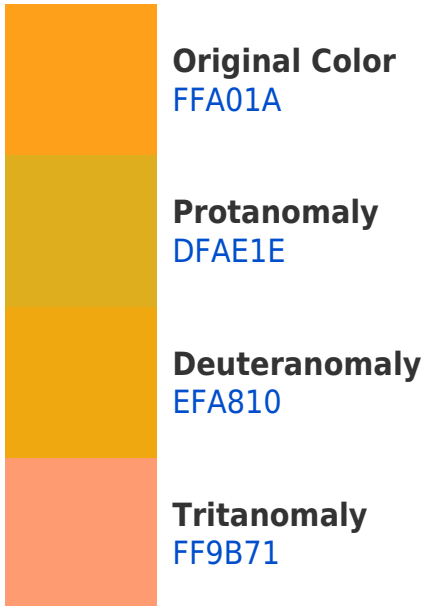
Dichromacy



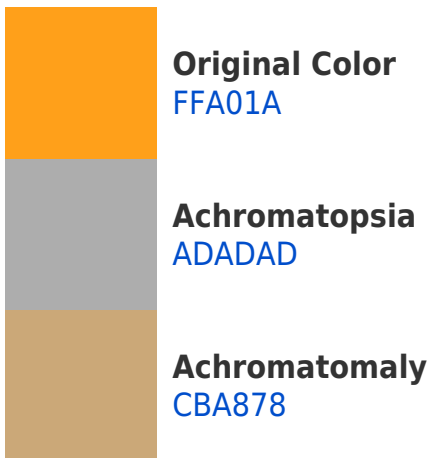


Tritanopia
FF98A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA01A 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 #FFA01A looks like.

```
.text, #text, p{  
    color:#FFA01A  
}
```

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 #FFA01A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA01A
}
```

Border

The CSS property to change the border of an element to Hex FFA01A 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
#FFA01A }
```

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

```
.border{ border-color:#FFA01A }
```

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

Here you see how a box with a 4 pixel #FFA01A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA01A; -webkit-box-shadow:4px 4px  
4px 4px #FFA01A; box-shadow:4px 4px 4px  
4px #FFA01A }
```

Background

The CSS property to change the background color of an element to Hex FFA01A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA01A }
```

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

```
.background{ background-color:#FFA01A }
```

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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