

Converting Colors

Hex(FFA02A)

Have a look what the booklet for
Hex(FFA02A) contains.

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Color

Hex(FFA02A)

Conversions

Conversions Part 1

Format	Color
Hex	FFA02A
RGB	255, 160, 42
RGB Percent	100%, 63%, 16%
CMY	0.0000, 0.3725, 0.8353
CMYK	0.00, 0.37, 0.84, 0.00
HSL	33°, 100%, 58%
HSV	33°, 84%, 100%
XYZ	54.2287, 46.5688, 8.3210
YIQ	174.9530, 94.4980, -16.5580

Conversions

Conversions Part 2

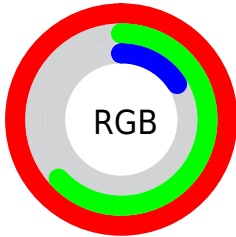
Format	Color
RYB	213, 255, 42
Decimal	16752682
CIELab	73.91, 27.14, 70.15
CIELCh	74, 75.218, 68.847
Yxy	46.5688, 0.4970, 0.4268
Android (android.graphics.Color)	4294942762 (0xFFFFA02A)
YUV	174.9530, -65.5458, 70.2012
Hunter-Lab	68.2413, 22.4247, 40.5394

Details

The Hex color **FFA02A** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **2A89FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD763**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9510**, and if you desaturate by 10%, it is **FFAB43**.

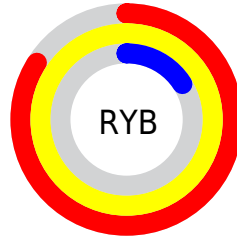
Distribution



Red (100%)

Green (63%)

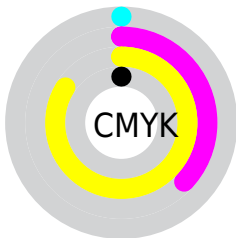
Blue (16%)



Red (84%)

Yellow (100%)

Blue (16%)

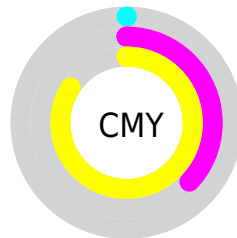


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA02A 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 FFA02A by changing the saturation by 10% instead.

 FFA02A

 FFA02A

FFFFFF

 DF8600

 FFD763

 C06C00

 FFF37E

 A25300

 FFFF9A

 833C00

 FFFFB6

 662500

 FFFFD3

 490D00

 FFFFF0

 2F0000

 020000

 000000

■ FFA02A

■ FFA02A

■ FF9510

■ FFAB43

■ FF8D00

■ FFB75D

■ FFC277

■ FFCD90

■ FFD9AA

■ FFE4C3

■ FFF0DD

■ FFFBF6

FFFFFF

Harmonies

Analogous

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



FF8362



FFA02A



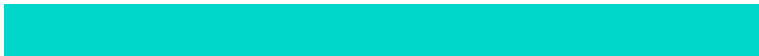
C5B90A

Triad

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



FFA02A



00D6C9



D29AFF

Complementary

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



FFA02A



2A89FF

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.



32B7FF



FFA02A



00D4FF

Square

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



FFA02A



00D381



00CAFF



FF7CE9

Rectangle

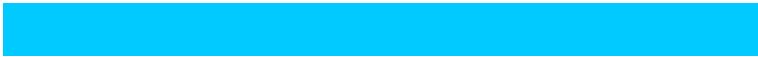
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA02A



96C52C



00CAFF



AFA4FF

Sweetspot

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



FFA02A



FFE3BF



FF2A8A



806E59



000000



808080

Same Dimension

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



FFA02A



FF8D00



F4FF2A



807A73



BF6A00



402300

Inverse Universe

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



2A89FF



0072FF



352AFF



737880



0055BF



001C40

Previews

White Background



This preview shows how the Hex color FFA02A looks on a white background.

Color Contrast Check

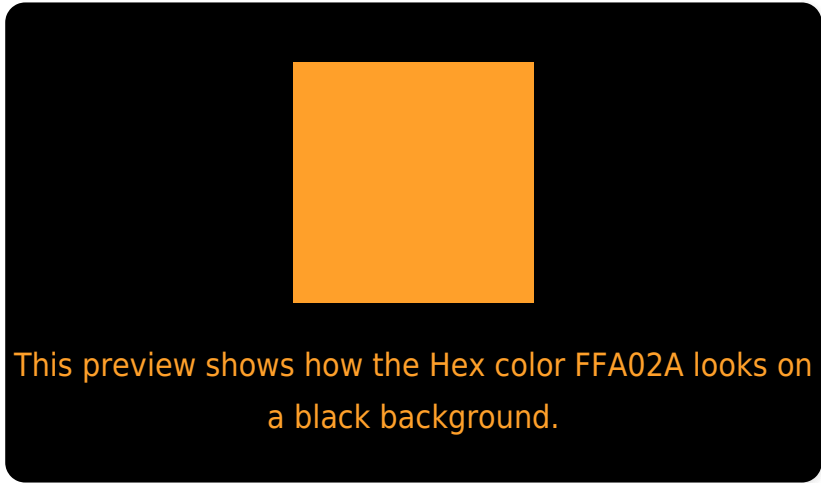
Large Text (above 18pt) WCAG AA × Fail

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 FFA02A Background



This preview shows how black text looks on a background with the Hex color FFA02A.

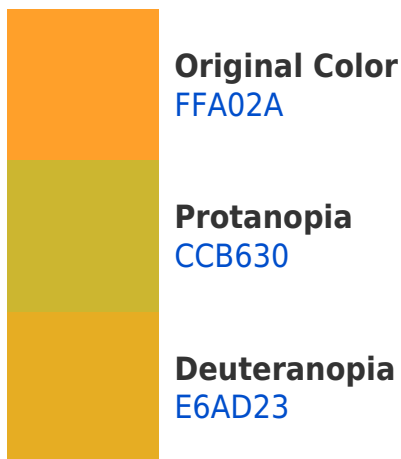


This preview shows how white text looks on a background with the Hex color FFA02A.

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](#).

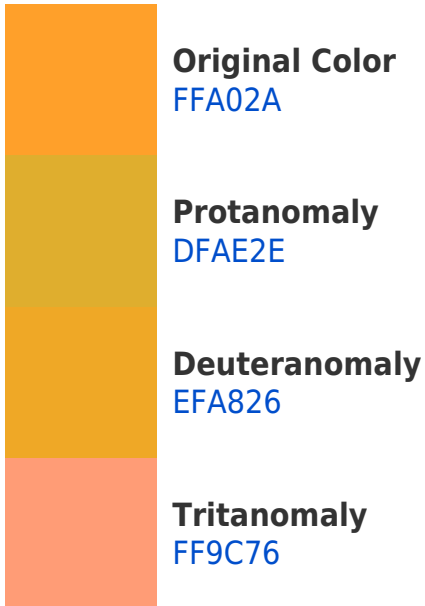
Dichromacy



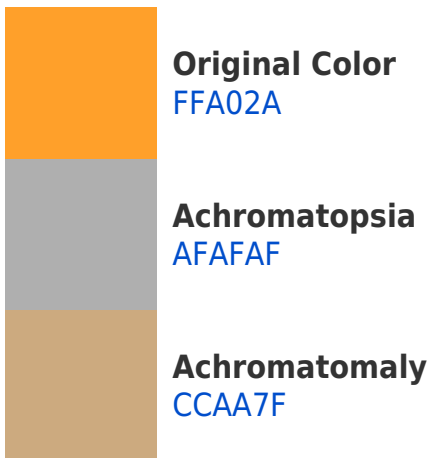


Tritanopia
FF99A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA02A 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 #FFA02A looks like.

```
.text, #text, p{  
    color:#FFA02A  
}
```

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 #FFA02A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA02A
}
```

Border

The CSS property to change the border of an element to Hex FFA02A 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
#FFA02A }
```

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

```
.border{ border-color:#FFA02A }
```

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

Here you see how a box with a 4 pixel #FFA02A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA02A; -webkit-box-shadow:4px 4px  
4px 4px #FFA02A; box-shadow:4px 4px 4px  
4px #FFA02A }
```

Background

The CSS property to change the background color of an element to Hex FFA02A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA02A }
```

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

```
.background{ background-color:#FFA02A }
```

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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