

Converting Colors

Hex(FFA023)

Have a look what the booklet for
Hex(FFA023) contains.

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Color

Hex(FFA023)

Conversions

Conversions Part 1

Format	Color
Hex	FFA023
RGB	255, 160, 35
RGB Percent	100%, 63%, 14%
CMY	0.0000, 0.3725, 0.8627
CMYK	0.00, 0.37, 0.86, 0.00
HSL	34°, 100%, 57%
HSV	34°, 86%, 100%
XYZ	54.1142, 46.5230, 7.7178
YIQ	174.1550, 96.7450, -18.7350

Conversions

Conversions Part 2

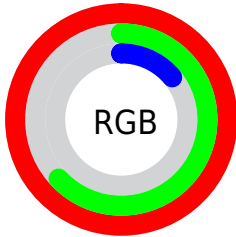
Format	Color
R _Y B	202, 255, 35
Decimal	16752675
CIE Lab	73.88, 26.98, 72.20
CIE LCh	74, 77.077, 69.512
Yxy	46.5230, 0.4994, 0.4294
Android (android.graphics.Color)	4294942755 (0xFFFFA023)
YUV	174.1550, -68.6034, 70.9011
Hunter-Lab	68.2077, 22.2535, 41.0367

Details

The Hex color **FFA023** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2382FF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD75E**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9509**, and if you desaturate by 10%, it is **FFAB3C**.

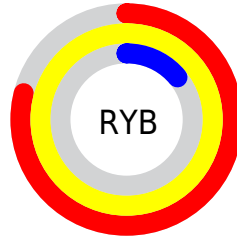
Distribution



Red (100%)

Green (63%)

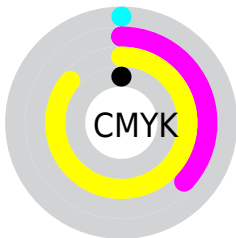
Blue (14%)



Red (79%)

Yellow (100%)

Blue (14%)

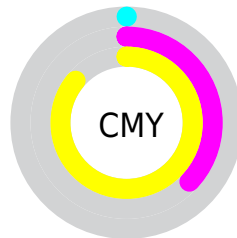


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA023 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 FFA023 by changing the saturation by 10% instead.

 FFA023

 FFA023

FFFFFF

 DF8600

 FFD75E

 C06C00

 FFF379

 A15300

 FFFF95

 833C00

 FFFFB1

 652500

 FFFFCE

 490E00

 FFFFEB

 2F0000

 020000

 000000

 FFA023

 FFA023

 FF9509

 FFAB3C

 FF9100

 FFB656

 FFC16F

 FFCC89

 FFD7A3

 FFE2BC

 FFEDD5

 FFF8EF

FFFFFF

Harmonies

Analogous

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



FF825F



FFA023



C3B900

Triad

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



FFA023



00D7CB



D598FF

Complementary

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



FFA023



2382FF

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.



2EB6FF



FFA023



00D4FF

Square

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



FFA023



00D381



00CAFF



FF79E9

Rectangle

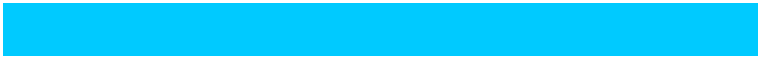
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA023



93C628



00CAFF



B1A3FF

Sweetspot

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



FFA023



FFE2BD



FF2382



806E58



000000



808080

Same Dimension

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



FFA023



FF9100



F0FF23



807A73



BF6D00



402400

Inverse Universe

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



2382FF



006EFF



3223FF



737880



0053BF



001C40

Previews

White Background



This preview shows how the Hex color FFA023 looks on a white background.

Color Contrast Check

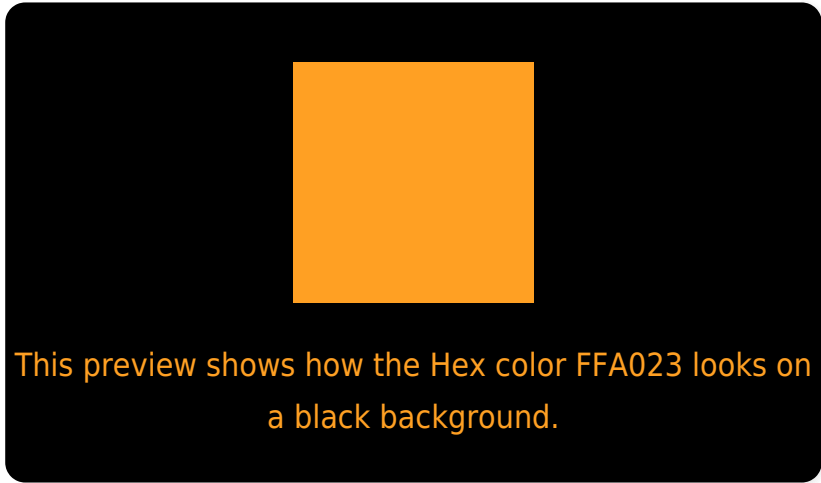
Large Text (above 18pt) WCAG AA × Fail

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 FFA023 Background



This preview shows how black text looks on a background with the Hex color FFA023.

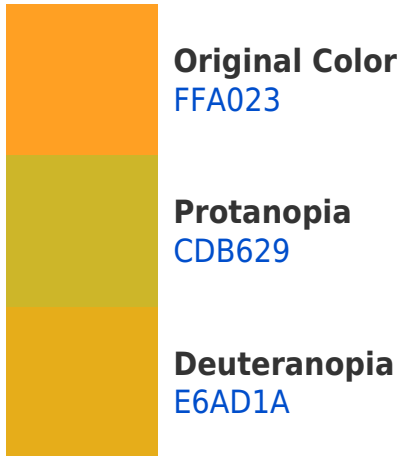


This preview shows how white text looks on a background with the Hex color FFA023.

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](#).

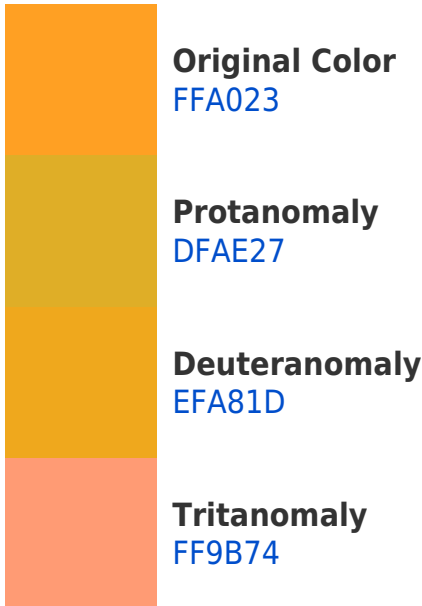
Dichromacy



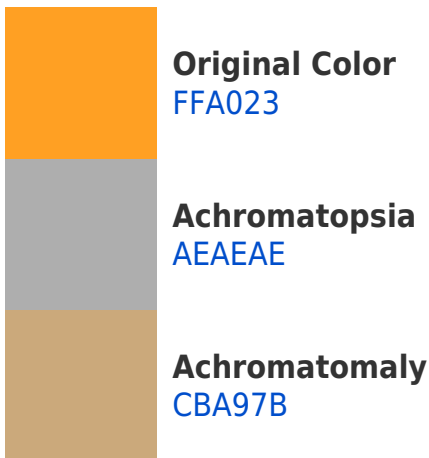


Tritanopia
FF98A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA023 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 #FFA023 looks like.

```
.text, #text, p{  
    color:#FFA023  
}
```

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 #FFA023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA023
}
```

Border

The CSS property to change the border of an element to Hex FFA023 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
#FFA023 }
```

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

```
.border{ border-color:#FFA023 }
```

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

Here you see how a box with a 4 pixel #FFA023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA023; -webkit-box-shadow:4px 4px  
4px 4px #FFA023; box-shadow:4px 4px 4px  
4px #FFA023 }
```

Background

The CSS property to change the background color of an element to Hex FFA023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA023 }
```

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

```
.background{ background-color:#FFA023 }
```

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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