

Converting Colors

Hex(FFA014)

Have a look what the booklet for
Hex(FFA014) contains.

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Color

Hex(FFA014)

Conversions

Conversions Part 1

Format	Color
Hex	FFA014
RGB	255, 160, 20
RGB Percent	100%, 63%, 8%
CMY	0.0000, 0.3725, 0.9216
CMYK	0.00, 0.37, 0.92, 0.00
HSL	36°, 100%, 54%
HSV	36°, 92%, 100%
XYZ	53.9371, 46.4521, 6.7852
YIQ	172.4450, 101.5600, -23.4000

Conversions

Conversions Part 2

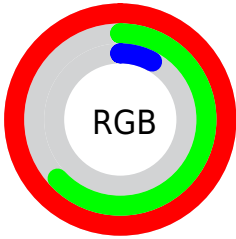
Format	Color
RYB	179, 255, 20
Decimal	16752660
CIELab	73.84, 26.72, 75.60
CIELCh	74, 80.185, 70.533
Yxy	46.4521, 0.5033, 0.4334
Android (android.graphics.Color)	4294942740 (0xFFFFA014)
YUV	172.4450, -75.1554, 72.4007
Hunter-Lab	68.1558, 21.9885, 41.8065

Details

The Hex color **FFA014** 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 **1473FF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD755**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9800**, and if you desaturate by 10%, it is **FFAA2E**.

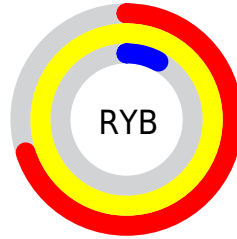
Distribution



Red (100%)

Green (63%)

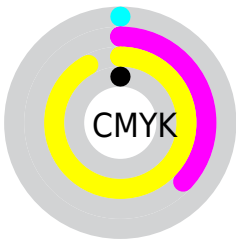
Blue (8%)



Red (70%)

Yellow (100%)

Blue (8%)

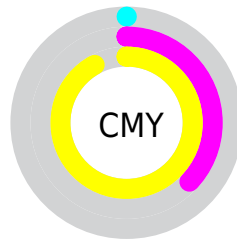


Cyan (0%)

Magenta (37%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA014 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 FFA014 by changing the saturation by 10% instead.

 FFA014

 FFA014

FFFFFF

 DF8600

 FFD755

 C06C00

 FFF371

 A15300

 FFFF8D

 833C00

 FFFFAA

 652500

 FFFFC6

 490E00

 FFFF E4

 2F0000

 000000

 FFA014

 FFA014

 FF9800

 FFAA2E

 FFB547

 FFBF61

 FFC97A

 FFD493

 FFDEAD

 FFE8C7

 FFF2E0

 FFFDFA

Harmonies

Analogous

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



FF8059



FFA014



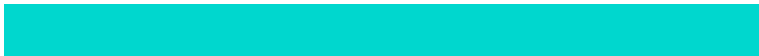
C1BA00

Triad

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



FFA014



00D7CE



D996FF

Complementary

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



FFA014



1473FF

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.



26B6FF



FFA014



00D5FF

Square

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



FFA014



00D481



00CBFF



FF74E8

Rectangle

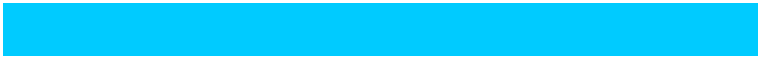
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA014



8DC71F



00CBFF



B4A1FF

Sweetspot

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



FFA014



FFE2B8



FF1476



806E54



000000



808080

Same Dimension

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



FFA014



FF9800



EBFF14



807A73



BF7200



402600

Inverse Universe

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



1473FF



0067FF



2814FF



737880



004DBF



001A40

Previews

White Background



This preview shows how the Hex color FFA014 looks on a white background.

Color Contrast Check

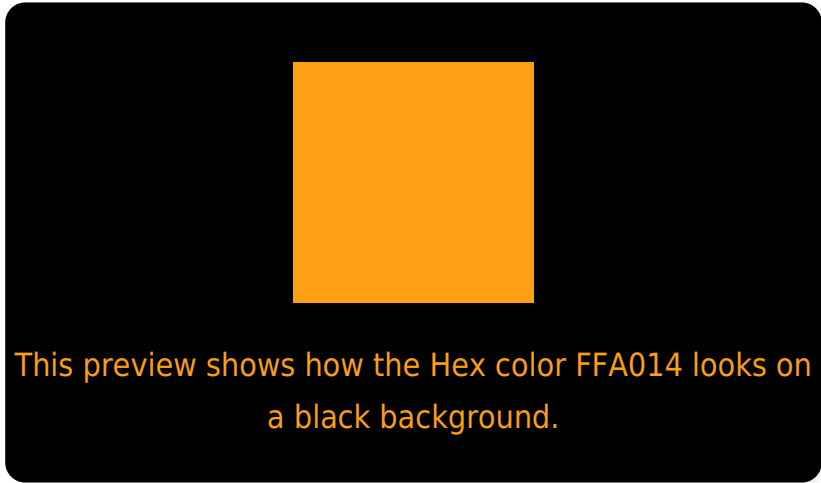
Large Text (above 18pt) WCAG AA × Fail

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 FFA014 Background



This preview shows how black text looks on a background with the Hex color FFA014.



This preview shows how white text looks on a background with the Hex color FFA014.

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
FFA014

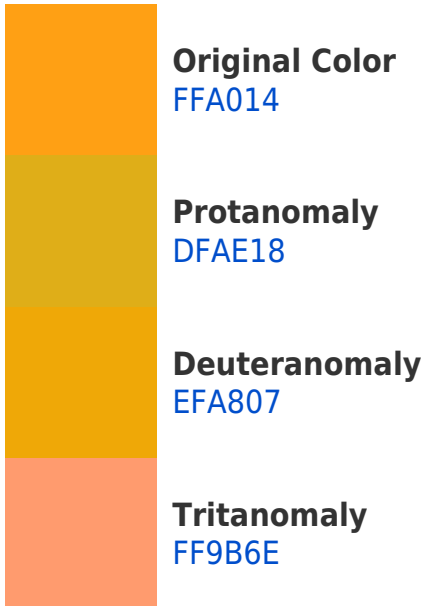
Protanopia
CDB61B

Deuteranopia
E6AC00

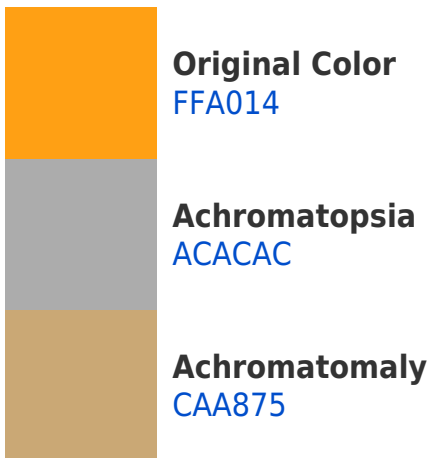


Tritanopia
FF98A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA014 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 #FFA014 looks like.

```
.text, #text, p{  
    color:#FFA014  
}
```

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 #FFA014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA014
}
```

Border

The CSS property to change the border of an element to Hex FFA014 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
#FFA014 }
```

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

```
.border{ border-color:#FFA014 }
```

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

Here you see how a box with a 4 pixel #FFA014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA014; -webkit-box-shadow:4px 4px  
4px 4px #FFA014; box-shadow:4px 4px 4px  
4px #FFA014 }
```

Background

The CSS property to change the background color of an element to Hex FFA014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA014 }
```

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

```
.background{ background-color:#FFA014 }
```

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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