

Converting Colors

Hex(FFAE22)

Have a look what the booklet for
Hex(FFAE22) contains.

Hex(FFAE22)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFAE22)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE22
RGB	255, 174, 34
RGB Percent	100%, 68%, 13%
CMY	0.0000, 0.3176, 0.8667
CMYK	0.00, 0.32, 0.87, 0.00
HSL	38°, 100%, 57%
HSV	38°, 87%, 100%
XYZ	56.6648, 51.6476, 8.4958
YIQ	182.2590, 93.2160, -26.3680

Conversions

Conversions Part 2

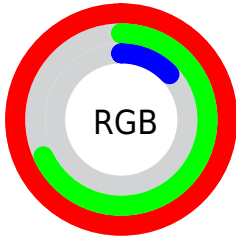
Format	Color
RYB	162, 255, 34
Decimal	16756258
CIELab	77.07, 19.66, 75.00
CIELCh	77, 77.535, 75.314
Yxy	51.6476, 0.4851, 0.4422
Android (android.graphics.Color)	4294946338 (0xFFFFAE22)
YUV	182.2590, -73.0917, 63.7939
Hunter-Lab	71.8663, 14.9769, 43.2973

Details

The Hex color **FFAE22** 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 **2273FF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE55F**, and **C07A00** is the 20% darker color. If you saturate the color by 10%, you get **FFA508**, and if you desaturate by 10%, it is **FFB73B**.

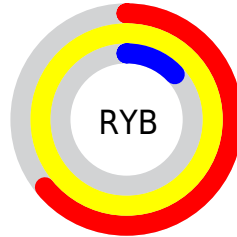
Distribution



Red (100%)

Green (68%)

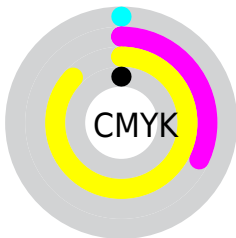
Blue (13%)



Red (64%)

Yellow (100%)

Blue (13%)

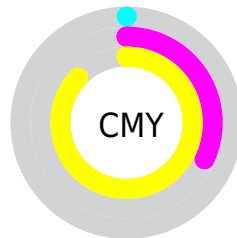


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAE22 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 FFAE22 by changing the saturation by 10% instead.

 FFAE22

 FFAE22

FFFFFF

 E09300

 FFE55F

 C07A00

 FFFF7B

 A26100

 FFFF97

 844900

 FFFFB4

 673200

 FFFFD0

 4B1D00

 FFFFEE

 300700

 110000

 000000

FFAE22

FFAE22

FFA508

FFB73B

FFA200

FFC155

FFCA6E

FFD388

FFDDA2

FFE6BB

FFEFD4

FFF9EE

FFFFFF

Harmonies

Analogous

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



FF905A



FFAE22



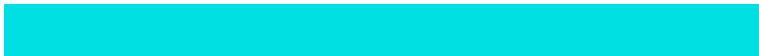
BFC617

Triad

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



FFAE22



00E0E2



F09AFF

Complementary

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



FFAE22



2273FF

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.



72BAFF



FFAE22



00DCFF

Square

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



FFAE22



00DE97



00D0FF



FF7DE5

Rectangle

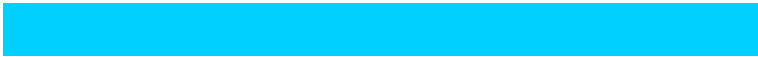
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAE22



8BD13C



00D0FF



D0A5FF

Sweetspot

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



FFAE22



FFE7BD



FF2273



807158



000000



808080

Same Dimension

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



FFAE22



FFA200



E2FF22



807B73



BF7900



402800

Inverse Universe

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



2273FF



005DFF



3F22FF



737780



0046BF



001740

Previews

White Background



This preview shows how the Hex color FFAE22 looks on a white background.

Color Contrast Check

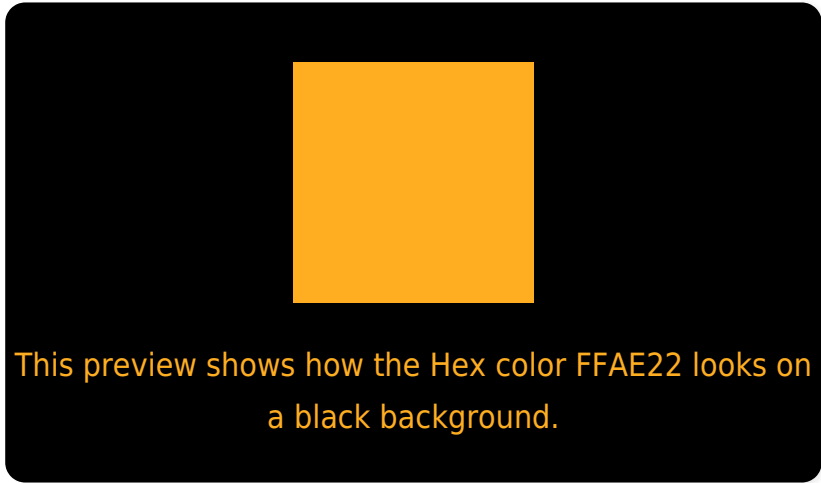
Large Text (above 18pt) WCAG AA × Fail

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 FFAE22 Background



This preview shows how black text looks on a background with the Hex color FFAE22.



This preview shows how white text looks on a background with the Hex color FFAE22.

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
FFAE22

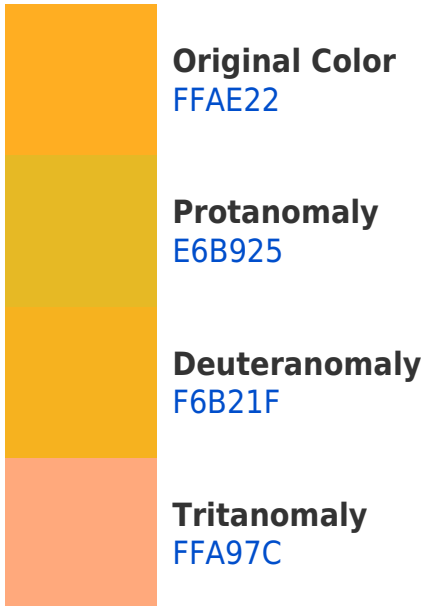
Protanopia
D7BF27

Deuteranopia
F1B51D

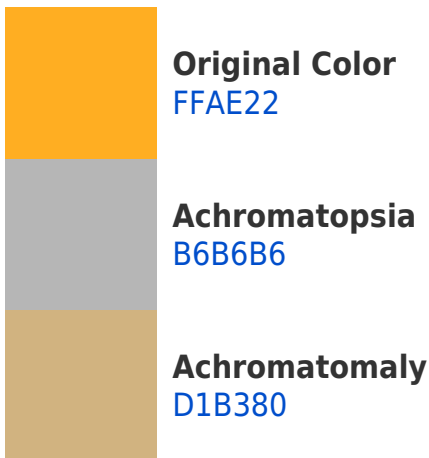


Tritanopia
FFA6B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAE22 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 #FFAE22 looks like.

```
.text, #text, p{  
    color:#FFAE22  
}
```

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 #FFAE22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAE22
}
```

Border

The CSS property to change the border of an element to Hex FFAE22 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
#FFAE22 }
```

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

```
.border{ border-color:#FFAE22 }
```

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

Here you see how a box with a 4 pixel #FFAE22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAE22; -webkit-box-shadow:4px 4px  
4px 4px #FFAE22; box-shadow:4px 4px 4px  
4px #FFAE22 }
```

Background

The CSS property to change the background color of an element to Hex FFAE22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAE22 }
```

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

```
.background{ background-color:#FFAE22 }
```

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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