

Converting Colors

Hex(FDAE00)

Have a look what the booklet for
Hex(FDAE00) contains.

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Color

Hex(FDAE00)

Conversions

Conversions Part 1

Format	Color
Hex	FDAE00
RGB	253, 174, 0
RGB Percent	99%, 68%, 0%
CMY	0.0078, 0.3176, 1.0000
CMYK	0.00, 0.31, 1.00, 0.01
HSL	41°, 100%, 50%
HSV	41°, 100%, 99%
XYZ	55.6441, 51.1548, 6.9411
YIQ	177.7850, 102.9380, -37.3660

Conversions

Conversions Part 2

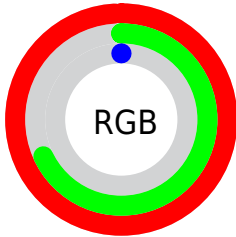
Format	Color
RYB	115, 253, 0
Decimal	16625152
CIELab	76.77, 18.39, 80.06
CIElCh	77, 82.144, 77.060
Yxy	51.1548, 0.4892, 0.4498
Android (android.graphics.Color)	4294815232 (0xFFFD4E00)
YUV	177.7850, -87.6480, 65.9636
Hunter-Lab	71.5225, 13.7073, 44.3118

Details

The Hex color **FDAE00** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **004FFD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE551**, and **BE7A00** is the 20% darker color. If you saturate the color by 10%, you get **FDAE00**, and if you desaturate by 10%, it is **FDB619**.

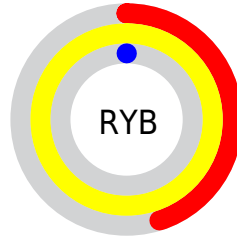
Distribution



Red (99%)

Green (68%)

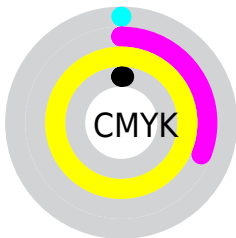
Blue (0%)



Red (45%)

Yellow (99%)

Blue (0%)

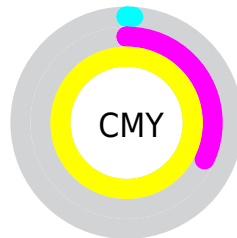


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDAE00 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 FDAE00 by changing the saturation by 10% instead.

 FDAE00

 FDAE00

FFFFFF

 DD9300

 FFE551

 BE7A00

 FFFF6E

 A06100

 FFFF8A

 824900

 FFFFA7

 643300

 FFFFC4

 481D00

 FFFF E1

 2E0800

 0C0000

 000000

 FDAE00

 FDB619

 FDBE33

 FDC64C

 FDCE65

 FDD67F

 FDDD98

 FDE5B1

 FEEDCA

 FDF5E4

Harmonies

Analogous

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



FF8D4F



FDAE00



B9C700

Triad

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



FDAE00



00E1E8



F795FF

Complementary

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



FDAE00



004FFD

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.



73B7FF



FDAE00



00DDFF

Square

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



FDAE00



00DF99



00D0FF



FF75E2

Rectangle

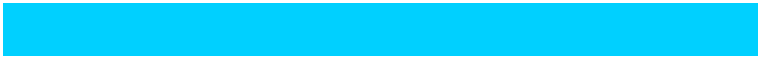
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDAE00



80D234



00D0FF



D6A1FF

Sweetspot

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



FDAE00



FFE7B3



FD0050



807152



000000



808080

Same Dimension

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



FDAE00



FFAF00



CFFD00



807C73



BF8400



402C00

Inverse Universe

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



004FFD



0050FF



2E00FD



737780



003CBF



001440

Previews

White Background



This preview shows how the Hex color #FDAE00 looks on a white background.

Color Contrast Check

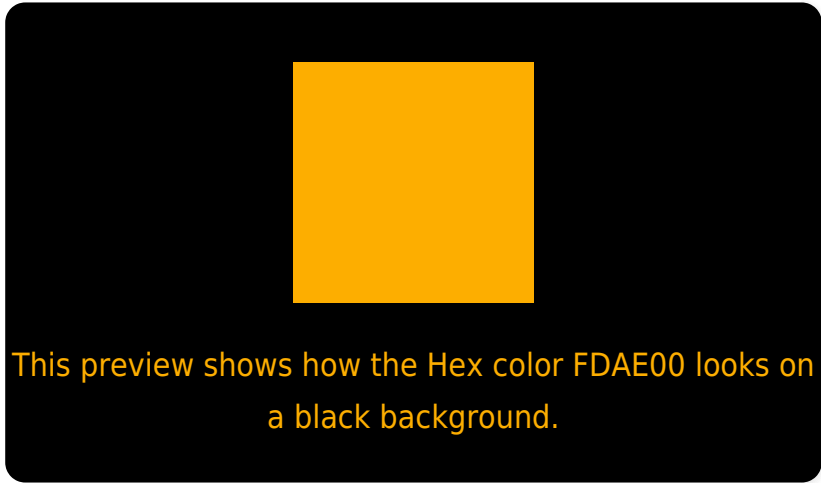
Large Text (above 18pt) WCAG AA × Fail

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 FDAE00 Background



This preview shows how black text looks on a background with the Hex color FDAE00.



This preview shows how white text looks on a background with the Hex color FDAE00.

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
FDAE00

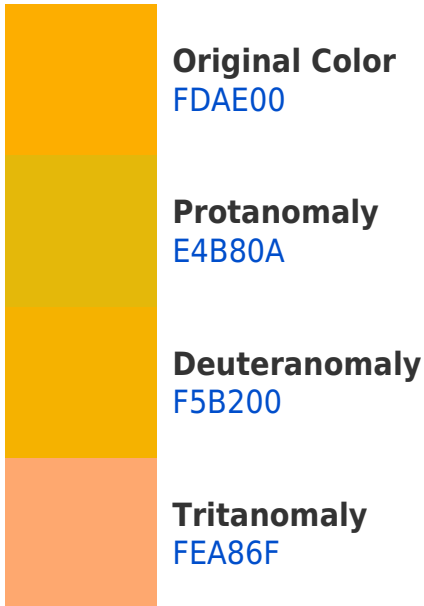
Protanopia
D6BE10

Deuteranopia
F0B400



Tritanopia
FFA5AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDAE00 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 #FDAE00 looks like.

```
.text, #text, p{  
    color:#FDAE00  
}
```

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 #FDAE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDAE00
}
```

Border

The CSS property to change the border of an element to Hex FDAE00 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
#FDAE00 }
```

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

```
.border{ border-color:#FDAE00 }
```

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

Here you see how a box with a 4 pixel #FDAE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDAE00; -webkit-box-shadow:4px 4px  
4px 4px #FDAE00; box-shadow:4px 4px 4px  
4px #FDAE00 }
```

Background

The CSS property to change the background color of an element to Hex FDAE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDAE00 }
```

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

```
.background{ background-color:#FDAE00 }
```

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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