

Converting Colors

Hex(FDA00F)

Have a look what the booklet for
Hex(FDA00F) contains.

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Color

Hex(FDA00F)

Conversions

Conversions Part 1

Format	Color
Hex	FDA00F
RGB	253, 160, 15
RGB Percent	99%, 63%, 6%
CMY	0.0078, 0.3725, 0.9412
CMYK	0.00, 0.37, 0.94, 0.01
HSL	37°, 98%, 53%
HSV	37°, 94%, 99%
XYZ	53.1650, 46.0587, 6.5401
YIQ	171.2770, 101.9730, -25.3790

Conversions

Conversions Part 2

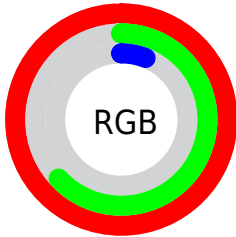
Format	Color
RYB	168, 253, 15
Decimal	16621583
CIELab	73.58, 25.83, 76.13
CIELCh	74, 80.393, 71.256
Yxy	46.0587, 0.5027, 0.4355
Android (android.graphics.Color)	4294811663 (0xFFFFDA00F)
YUV	171.2770, -77.0446, 71.6711
Hunter-Lab	67.8666, 21.0660, 41.7931

Details

The Hex color **FDA00F** 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 **0F6CFD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD753**, and **BE6C00** is the 20% darker color. If you saturate the color by 10%, you get **FD9A00**, and if you desaturate by 10%, it is **FDAA28**.

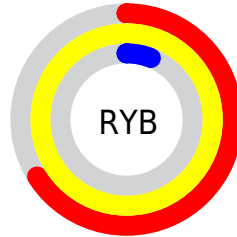
Distribution



Red (99%)

Green (63%)

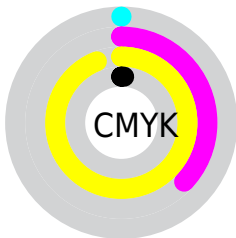
Blue (6%)



Red (66%)

Yellow (99%)

Blue (6%)

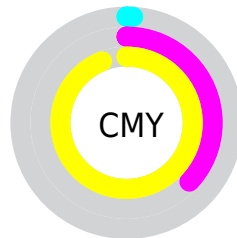


Cyan (0%)

Magenta (37%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA00F 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 FDA00F by changing the saturation by 10% instead.

 FDA00F

 FDA00F

FFFFFF

 DD8600


 FFD753

 BE6C00

 FFF36F

 9F5400

 FFFF8B

 813C00

 FFFFA8

 632500

 FFFFC4

 470E00

 FFFF E2

 2E0000

 000000

 FDA00F

 FDA00F

■ FD9A00

■ FDAA28

■ FDB442

■ FDBE5B

■ FDC874

■ FDD18D

■ FDDBA7

■ FDE5C0

■ FDEFD9

■ FDF9F3

Harmonies

Analogous

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



FF7F56



FDA00F



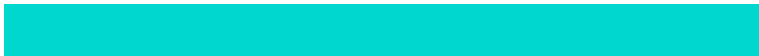
BEBA00

Triad

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



FDA00F



00D7CF



DB94FF

Complementary

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



FDA00F



0F6CFD

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.



2FB4FF



FDA00F



00D4FF

Square

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



FDA00F



00D482



00CAFF



FF72E6

Rectangle

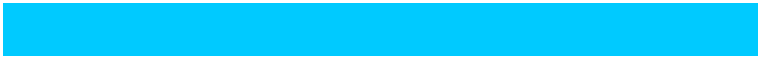
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDA00F



8AC61F



00CAFF



B6A0FF

Sweetspot

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



FDA00F



FFE3B8



FD0F6E



806F54



000000



808080

Same Dimension

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



FDA00F



FF9B00



E5FD0F



807B73



BF7500



402700

Inverse Universe

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



0F6CFD



0064FF



270FFD



737880



004BBF



001940

Previews

White Background



This preview shows how the Hex color FDA00F looks on a white background.

Color Contrast Check

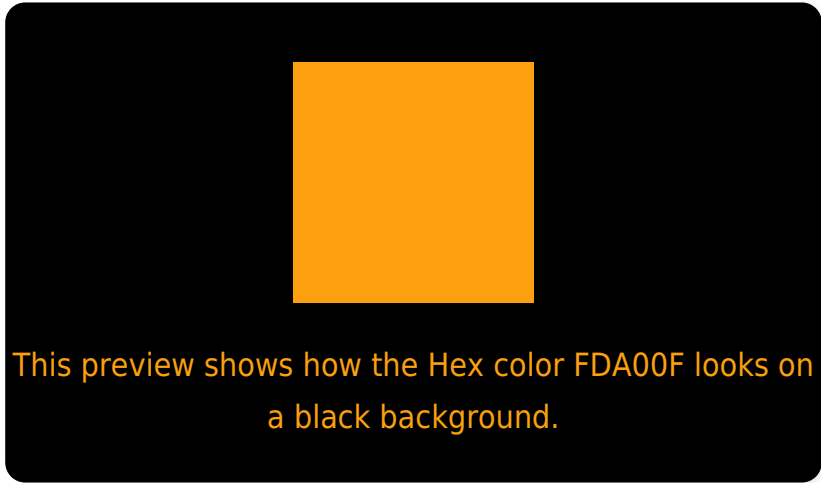
Large Text (above 18pt) WCAG AA × Fail

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 FDA00F Background



This preview shows how black text looks on a background with the Hex color FDA00F.



This preview shows how white text looks on a background with the Hex color FDA00F.

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
FDA00F

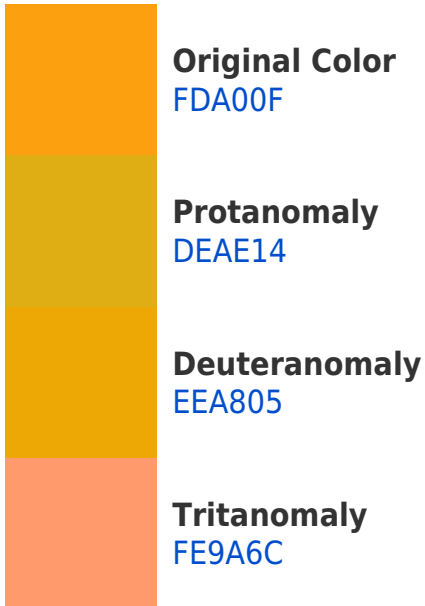
Protanopia
CCB617

Deuteranopia
E5AC00

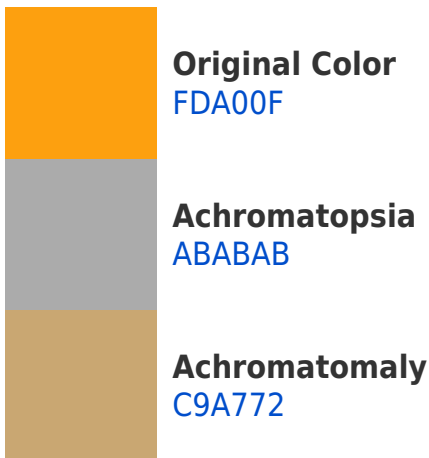


Tritanopia
FF97A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA00F 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 #FDA00F looks like.

```
.text, #text, p{  
    color:#FDA00F  
}
```

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 #FDA00F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA00F
}
```

Border

The CSS property to change the border of an element to Hex FDA00F 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
#FDA00F }
```

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

```
.border{ border-color:#FDA00F }
```

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

Here you see how a box with a 4 pixel #FDA00F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA00F; -webkit-box-shadow:4px 4px  
4px 4px #FDA00F; box-shadow:4px 4px 4px  
4px #FDA00F }
```

Background

The CSS property to change the background color of an element to Hex FDA00F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA00F }
```

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

```
.background{ background-color:#FDA00F }
```

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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