

Converting Colors

Hex(FFDA40)

Have a look what the booklet for
Hex(FFDA40) contains.

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Color

Hex(FFDA40)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA40
RGB	255, 218, 64
RGB Percent	100%, 85%, 25%
CMY	0.0000, 0.1451, 0.7490
CMYK	0.00, 0.15, 0.75, 0.00
HSL	48°, 100%, 63%
HSV	48°, 75%, 100%
XYZ	67.2368, 71.7730, 15.1603
YIQ	211.5070, 71.4860, -40.0500

Conversions

Conversions Part 2

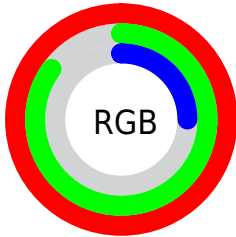
Format	Color
RYB	110, 255, 64
Decimal	16767552
CIELab	87.86, -2.16, 75.41
CIElCh	88, 75.438, 91.638
Yxy	71.7730, 0.4361, 0.4655
Android (android.graphics.Color)	4294957632 (0xFFFFDA40)
YUV	211.5070, -72.7210, 38.1434
Hunter-Lab	84.7189, -6.5924, 48.6934

Details

The Hex color **FFDA40** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4065FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF7A**, and **C2A400** is the 20% darker color. If you saturate the color by 10%, you get **FFD526**, and if you desaturate by 10%, it is **FFDF5A**.

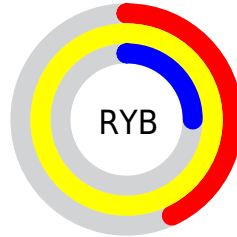
Distribution



Red (100%)

Green (85%)

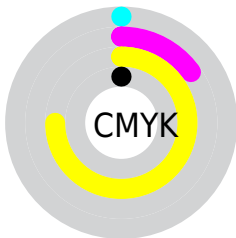
Blue (25%)



Red (43%)

Yellow (100%)

Blue (25%)

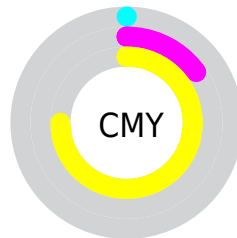


Cyan (0%)

Magenta (15%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDA40 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 FFDA40 by changing the saturation by 10% instead.

 FFDA40

 FFDA40

FFFFFF

 E0BE1D

 FFFF7A

 C2A400

 FFFF96

 A48900

 FFFFB3

 877000

 FFFF00

 6B5800

 FFFFED

 4F4100

 352C00

 1C1700

 000000

 FFDA40

 FFDA40

 FFD526

 FFDF5A

 FFD00D

 FFE473

 FFCE00

 FFE98D

 FFEEA6

 FFF3C0

 FFF8D9

 FFFDF3

FFFFFF

Harmonies

Analogous

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



FFBF5C



FFDA40



B6EE59

Triad

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



FFDA40



00FEFF



FFAAFF

Complementary

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



FFDA40



4065FF

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.



E3C8FF



FFDA40



00F5FF

Square

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



FFDA40



00FFDE



28E3FF



FF9ADB

Rectangle

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



FFDA40



77F77F



28E3FF



FFB3FF

Sweetspot

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



FFDA40



FFF4C7



FF4066



80795E



000000



808080

Same Dimension

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



FFDA40



FFD319



C6FF40



807D73



BF9A00



403300

Inverse Universe

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



4065FF



1946FF



7940FF



737580



0025BF



000C40

Previews

White Background



This preview shows how the Hex color FFDA40 looks on a white background.

Color Contrast Check

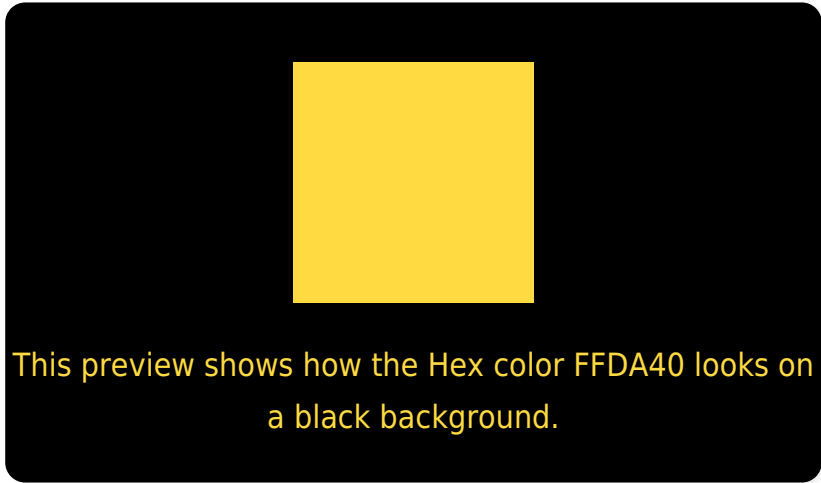
Large Text (above 18pt) WCAG AA × Fail

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 FFDA40 Background



This preview shows how black text looks on a background with the Hex color FFDA40.

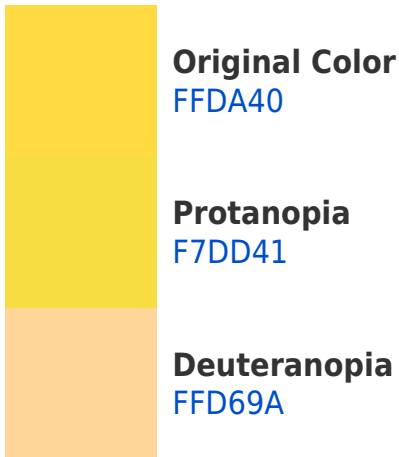


This preview shows how white text looks on a background with the Hex color FFDA40.

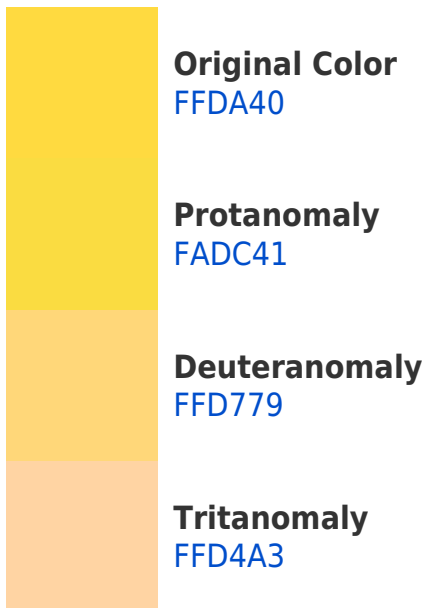
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFDA40 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 #FFDA40 looks like.

```
.text, #text, p{  
    color:#FFDA40  
}
```

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 #FFDA40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDA40
}
```

Border

The CSS property to change the border of an element to Hex FFDA40 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
#FFDA40 }
```

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

```
.border{ border-color:#FFDA40 }
```

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

Here you see how a box with a 4 pixel #FFDA40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDA40; -webkit-box-shadow:4px 4px  
4px 4px #FFDA40; box-shadow:4px 4px 4px  
4px #FFDA40 }
```

Background

The CSS property to change the background color of an element to Hex FFDA40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDA40 }
```

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

```
.background{ background-color:#FFDA40 }
```

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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