

Converting Colors

Hex(FCDB40)

Have a look what the booklet for
Hex(FCDB40) contains.

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Color

Hex(FCDB40)

Conversions

Conversions Part 1

Format	Color
Hex	FCDB40
RGB	252, 219, 64
RGB Percent	99%, 86%, 25%
CMY	0.0118, 0.1412, 0.7490
CMYK	0.00, 0.13, 0.75, 0.01
HSL	49°, 97%, 62%
HSV	49°, 75%, 99%
XYZ	66.4018, 71.7286, 15.1958
YIQ	211.1970, 69.4230, -41.2090

Conversions

Conversions Part 2

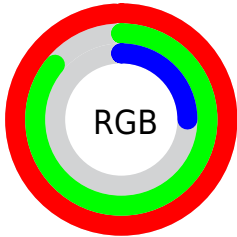
Format	Color
RYB	104, 252, 64
Decimal	16571200
CIELab	87.84, -3.92, 75.29
CIElCh	88, 75.391, 92.978
Yxy	71.7286, 0.4331, 0.4678
Android (android.graphics.Color)	4294761280 (0xFFFCDB40)
YUV	211.1970, -72.5681, 35.7842
Hunter-Lab	84.6928, -8.2627, 48.6470

Details

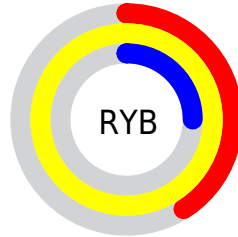
The Hex color **FCDB40** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4061FC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF7A**, and **BFA400** is the 20% darker color. If you saturate the color by 10%, you get **FCD727**, and if you desaturate by 10%, it is **FCDF59**.

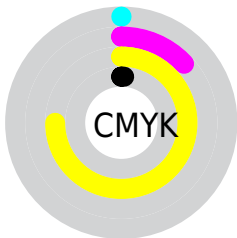
Distribution



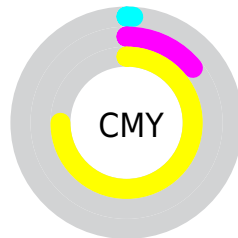
- Red (99%)
- Green (86%)
- Blue (25%)



- Red (41%)
- Yellow (99%)
- Blue (25%)



- Cyan (0%)
- Magenta (13%)
- Yellow (75%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCDB40 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 FCDB40 by changing the saturation by 10% instead.

 FCDB40

 FCDB40

FFFFFF

 DDBF1D

 FFFF7A

 BFA400

 FFFF96

 A28A00

 FFFFB3

 857100

 FFFF00

 685900

 FFFFEE

 4C4200

 322C00

 1A1800

 000000

 FCDB40

 FCDB40

 FCD727

 FCDF59

 FCD20E

 FCE472

 FCD000

 FCE88C

 FCEDA5

 FCF1BE

 FCF6D7

 FCFAF0

 FCFEFF

 FCFFFF

Harmonies

Analogous

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



FFC05A



FCDB40



B2EF5B

Triad

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



FCDB40



00FEFF



FFA9FF

Complementary

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



FCDB40



4061FC

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.



E8C6FF



FCDB40



00F5FF

Square

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



FCDB40



00FFE1



3FE2FF



FF9AD8

Rectangle

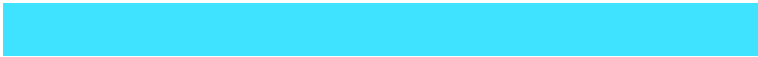
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCDB40



72F782



3FE2FF



FFB2FF

Sweetspot

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



FCDB40



FFF5C7



FC4062



807A5E



000000



808080

Same Dimension

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



FCDB40



FFD719



C0FC40



7D7B70



BD9C00



3D3200

Inverse Universe

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



4061FC



1942FF



7C40FC



70737D



0021BD



000B3D

Previews

White Background



This preview shows how the Hex color FCDB40 looks on a white background.

Color Contrast Check

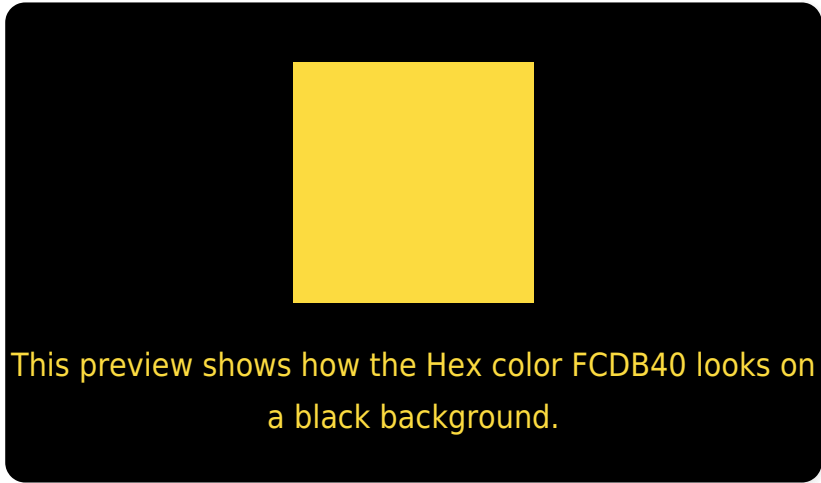
Large Text (above 18pt) WCAG AA × Fail

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 FCDB40 Background



This preview shows how black text looks on a background with the Hex color FCDB40.



This preview shows how white text looks on a background with the Hex color FCDB40.

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
FCDB40

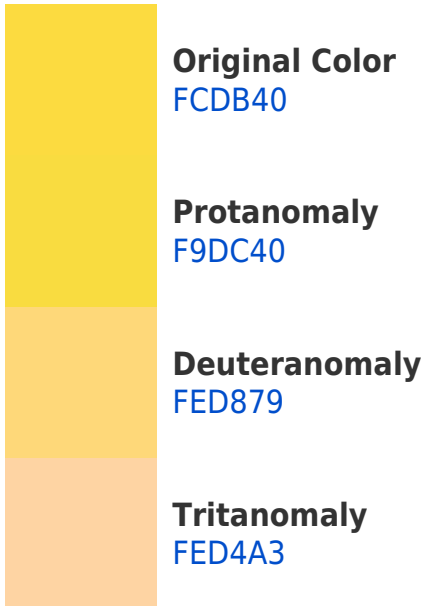
Protanopia
F7DD40

Deuteranopia
FFD69A



Tritanopia
FFD0DC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FCDB40 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 #FCDB40 looks like.

```
.text, #text, p{  
    color:#FCDB40  
}
```

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 #FCDB40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCDB40
}
```

Border

The CSS property to change the border of an element to Hex FCDB40 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
#FCDB40 }
```

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

```
.border{ border-color:#FCDB40 }
```

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

Here you see how a box with a 4 pixel #FCDB40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCDB40; -webkit-box-shadow:4px 4px  
4px 4px #FCDB40; box-shadow:4px 4px 4px  
4px #FCDB40 }
```

Background

The CSS property to change the background color of an element to Hex FCDB40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCDB40 }
```

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

```
.background{ background-color:#FCDB40 }
```

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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