

# Converting Colors

Hex(FFDC3B)

Have a look what the booklet for  
Hex(FFDC3B) contains.

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**Color**

**Hex(FFDC3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDC3B
RGB	255, 220, 59
RGB Percent	100%, 86%, 23%
CMY	0.0000, 0.1373, 0.7686
CMYK	0.00, 0.14, 0.77, 0.00
HSL	49°, 100%, 62%
HSV	49°, 77%, 100%
XYZ	67.6226, 72.7622, 14.6181
YIQ	212.1110, 72.5410, -42.6510

# Conversions

## Conversions Part 2

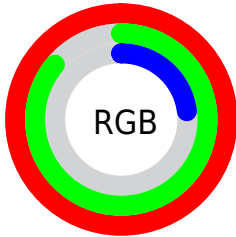
Format	Color
<a href="#">RYB</a>	<a href="#">102, 255, 59</a>
Decimal	<a href="#">16768059</a>
CIELab	<a href="#">88.33, -3.35, 77.48</a>
CIElCh	<a href="#">88, 77.550, 92.478</a>
Yxy	<a href="#">72.7622, 0.4363, 0.4694</a>
Android (android.graphics.Color)	<a href="#">4294958139 (0xFFFFDC3B)</a>
YUV	<a href="#">212.1110, -75.4837, 37.6137</a>
Hunter-Lab	<a href="#">85.3007, -7.7695, 49.5499</a>

# Details

The Hex color **FFDC3B** 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 **3B5EFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF76**, and **C2A500** is the 20% darker color. If you saturate the color by 10%, you get **FFD721**, and if you desaturate by 10%, it is **FFE155**.

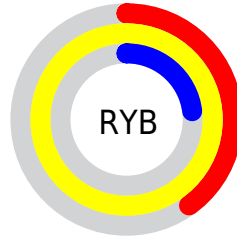
# Distribution



Red (100%)

Green (86%)

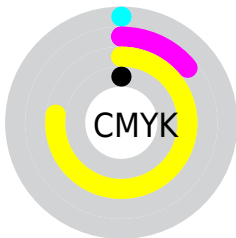
Blue (23%)



Red (40%)

Yellow (100%)

Blue (23%)

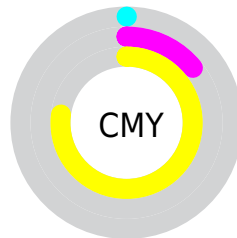


Cyan (0%)

Magenta (14%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFDC3B 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 FFDC3B by changing the saturation by 10% instead.



 FFDC3B

 FFDC3B

FFFFFF

 E0C014

 FFFF76

 C2A500

 FFFF93

 A48B00

 FFFFB0

 877200

 FFFFCD

 6A5A00

 FFFFEA

 4F4300

 342D00

 1C1900

 000000

 FFDC3B

 FFDC3B

 FFD721

 FFE155

 FFD308

 FFE56E

 FFD100

 FFEA88

 FFEEA1

 FFF3BB

 FFF7D4

 FFFCEE

FFFFFF

# Harmonies

## Analogous

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



FFC058



FFDC3B



B4F057

# Triad

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



FFDC3B



00FFFF



FFA9FF

# Complementary

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



FFDC3B



3B5EFF

# 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.



E7C7FF



FFDC3B



00F7FF

# Square

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



FFDC3B



00FE2



22E4FF



FF99DB

# Rectangle

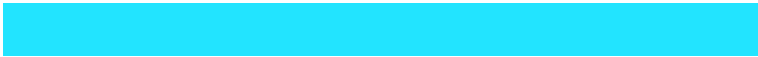
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDC3B



71F97F



22E4FF



FFB2FF



# Sweetspot

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



FFDC3B



FFF5C4



FF3B5F



80795C



000000



808080



# Same Dimension

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



FFDC3B



FFD514



C1FF3B



807D73



BF9D00



403400



# Inverse Universe

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



3B5EFF



143EFF



793BFF



737580



0022BF



000B40



# Previews

## White Background



This preview shows how the Hex color FFDC3B looks on a white background.

## Color Contrast Check

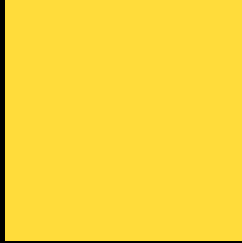
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FFDC3B looks on a 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 FFDC3B Background



This preview shows how black text looks on a background with the Hex color FFDC3B.

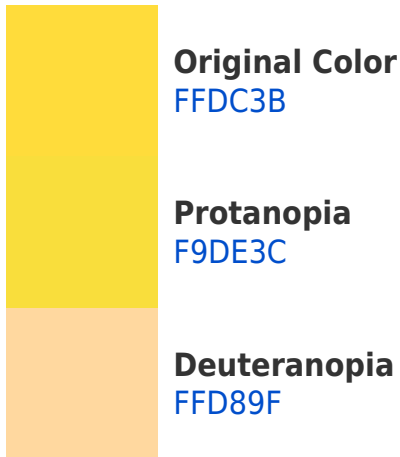


This preview shows how white text looks on a background with the Hex color FFDC3B.

# 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](#).

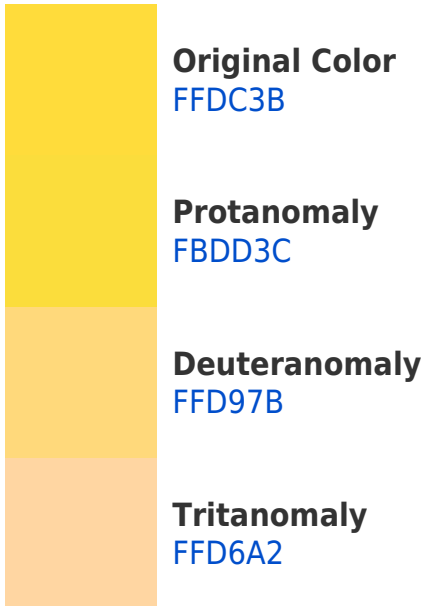
## Dichromacy



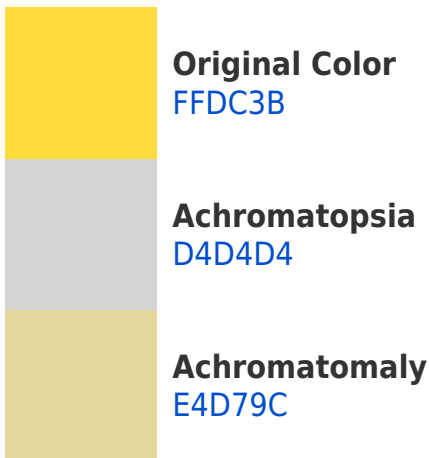


**Tritanopia**  
FFD2DD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFDC3B 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 #FFDC3B looks like.

```
.text, #text, p{  
    color:#FFDC3B  
}
```

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 #FFDC3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDC3B
}
```

## Border

The CSS property to change the border of an element to Hex FFDC3B 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
#FFDC3B }
```

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

```
.border{ border-color:#FFDC3B }
```

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

Here you see how a box with a 4 pixel #FFDC3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDC3B; -webkit-box-shadow:4px 4px  
4px 4px #FFDC3B; box-shadow:4px 4px 4px  
4px #FFDC3B }
```

# Background

The CSS property to change the background color of an element to Hex FFDC3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDC3B }
```

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

```
.background{ background-color:#FFDC3B }
```

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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