

# Converting Colors

Hex(FFD03A)

Have a look what the booklet for  
Hex(FFD03A) contains.

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**Color**

**Hex(FFD03A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD03A
RGB	255, 208, 58
RGB Percent	100%, 82%, 23%
CMY	0.0000, 0.1843, 0.7725
CMYK	0.00, 0.18, 0.77, 0.00
HSL	46°, 100%, 61%
HSV	46°, 77%, 100%
XYZ	64.5596, 66.6772, 13.4703
YIQ	204.9530, 76.1620, -36.6860

# Conversions

## Conversions Part 2

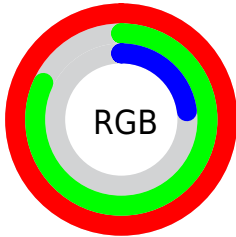
Format	Color
R <sub>Y</sub> B	120, 255, 58
Decimal	16764986
CIE Lab	85.34, 2.71, 75.07
CIE LCh	85, 75.118, 87.936
Yxy	66.6772, 0.4461, 0.4608
Android (android.graphics.Color)	4294955066 (0xFFFFD03A)
YUV	204.9530, -72.4478, 43.8912
Hunter-Lab	81.6561, -1.7712, 47.3786

# Details

The Hex color **FFD03A** 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 **3A69FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF74**, and **C29A00** is the 20% darker color. If you saturate the color by 10%, you get **FFCA20**, and if you desaturate by 10%, it is **FFD653**.

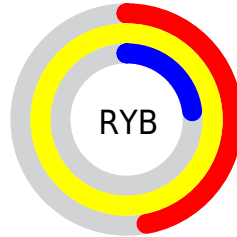
# Distribution



Red (100%)

Green (82%)

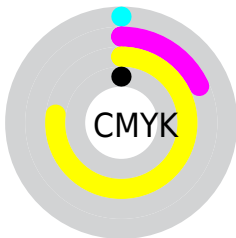
Blue (23%)



Red (47%)

Yellow (100%)

Blue (23%)

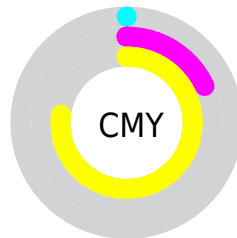


Cyan (0%)

Magenta (18%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD03A 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 FFD03A by changing the saturation by 10% instead.



 FFD03A

 FFD03A

FFFFFF

 E0B515

 FFFF74

 C29A00

 FFFF90

 A48000

 FFFFAD

 876800

 FFFFCA

 6A5000

 FFFFEE

 4E3900

 342400

 1B1000

 000000

 FFD03A

 FFD03A

 FFCA20

 FFD653

 FFC407

 FFDC6D

 FFC200

 FFE286

 FFE8A0

 FFEEB9

 FFF5D3

 FFFBEC

FFFFFF

# Harmonies

## Analogous

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



FFB55C



FFD03A



B9E54D

# Triad

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



FFD03A



00F7FF



FFA6FF

# Complementary

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



FFD03A



3A69FF

# 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.



CEC4FF



FFD03A



00EFFF

# Square

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



FFD03A



00F7CE



00DFFF



FF94DD

# Rectangle

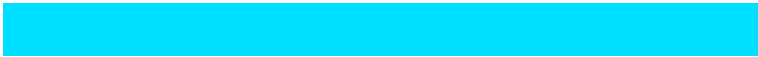
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD03A



7EEE71



00DFFF



FFB0FF



# Sweetspot

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



FFD03A



FFF1C4



FF3A6B



80775C



000000



808080



# Same Dimension

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



FFD03A



FFC612



CEFF3A



807C73



BF9200



403100



# Inverse Universe

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



3A69FF



124AFF



6B3AFF



737680



002EBF



000F40



# Previews

## White Background



This preview shows how the Hex color FFD03A 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 FFD03A 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 FFD03A Background



This preview shows how black text looks on a background with the Hex color FFD03A.

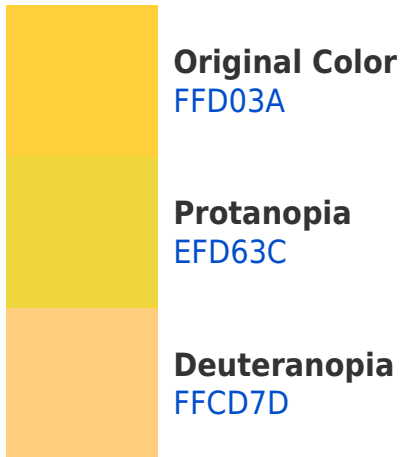


This preview shows how white text looks on a background with the Hex color FFD03A.

# 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](#).

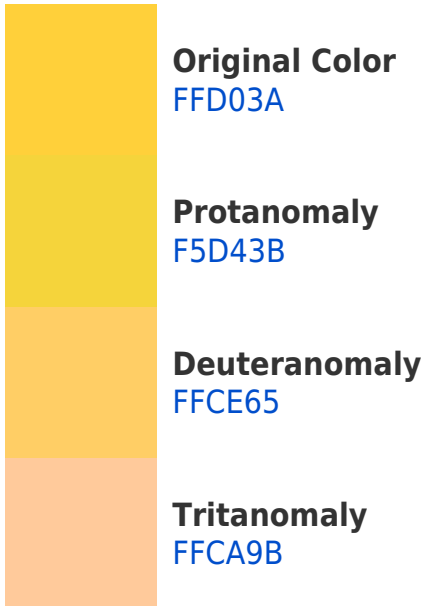
## Dichromacy



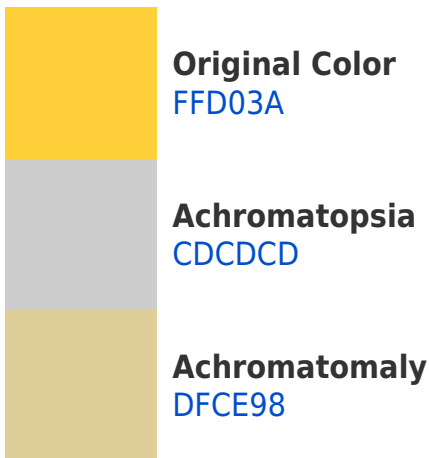


**Tritanopia**  
FFC7D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD03A 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 #FFD03A looks like.

```
.text, #text, p{  
    color:#FFD03A  
}
```

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 #FFD03A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD03A
}
```

## Border

The CSS property to change the border of an element to Hex FFD03A 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
#FFD03A }
```

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

```
.border{ border-color:#FFD03A }
```

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

Here you see how a box with a 4 pixel #FFD03A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD03A; -webkit-box-shadow:4px 4px  
4px 4px #FFD03A; box-shadow:4px 4px 4px  
4px #FFD03A }
```

# Background

The CSS property to change the background color of an element to Hex FFD03A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD03A }
```

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

```
.background{ background-color:#FFD03A }
```

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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