

# Converting Colors

Hex(FDCF3A)

Have a look what the booklet for  
Hex(FDCF3A) contains.

<b>Hex(FDCF3A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FDCF3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCF3A
RGB	253, 207, 58
RGB Percent	99%, 81%, 23%
CMY	0.0078, 0.1882, 0.7725
CMYK	0.00, 0.18, 0.77, 0.01
HSL	46°, 98%, 61%
HSV	46°, 77%, 99%
XYZ	63.5846, 65.8138, 13.3551
YIQ	203.7680, 75.2450, -36.5870

# Conversions

## Conversions Part 2

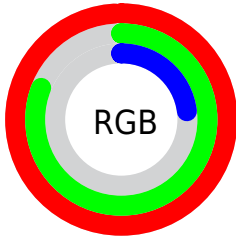
Format	Color
<a href="#">RYB</a>	<a href="#">118, 253, 58</a>
Decimal	<a href="#">16633658</a>
CIELab	<a href="#">84.90, 2.38, 74.60</a>
CIElCh	<a href="#">85, 74.635, 88.176</a>
Yxy	<a href="#">65.8138, 0.4454, 0.4610</a>
Android (android.graphics.Color)	<a href="#">4294823738</a> (0xFFFD3A)
YUV	<a href="#">203.7680, -71.8636, 43.1765</a>
Hunter-Lab	<a href="#">81.1257, -2.0655, 47.0276</a>

# Details

The Hex color **FDCF3A** 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 **3A68FD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF74**, and **C09900** is the 20% darker color. If you saturate the color by 10%, you get **FDC921**, and if you desaturate by 10%, it is **FDD553**.

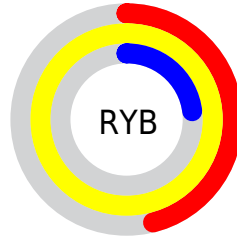
# Distribution



Red (99%)

Green (81%)

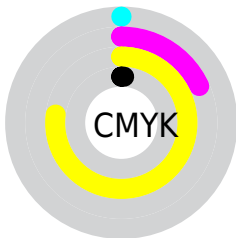
Blue (23%)



Red (46%)

Yellow (99%)

Blue (23%)

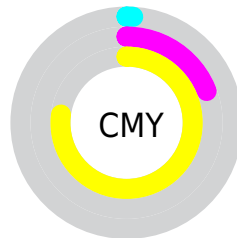


Cyan (0%)

Magenta (18%)

Yellow (77%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDCF3A 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 FDCF3A by changing the saturation by 10% instead.



 FDCF3A

 FDCF3A

FFFFFF

 DEB415

 FFFF74

 C09900

 FFFF90

 A27F00

 FFFFAD

 856700

 FFFFCA

 684F00

 FFFFEE

 4C3800

 322300

 1A0F00

 000000

 FDCF3A

 FDCF3A

 FDC921

 FDD553

 FDC307

 FDD86D

 FDC100

 FDE186

 FDE79F

 FEEDB9

 FDF3D2

 FDF9EB

FDFFFF

# Harmonies

## Analogous

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



FFB45B



FDCF3A



B7E34D

# Triad

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



FDCF3A



00F5FF



FFA5FF

# Complementary

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



FDCF3A



3A68FD

# 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.



CEC3FF



FDCF3A



00EEFF

# Square

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



FDCF3A



00F6CD



00DDFF



FF93DB

# Rectangle

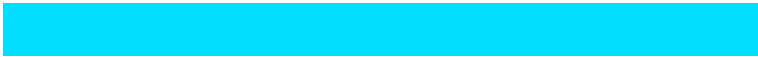
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDCF3A



7CED71



00DDFF



FFAFFF



# Sweetspot

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



FDCF3A



FFF1C4



FD3A6B



80775C



000000



808080



# Same Dimension

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



FDCF3A



FFC814



CCFD3A



807C73



BF9200



403100



# Inverse Universe

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



3A68FD



144CFF



6B3AFD



737680



002DBF



000F40



# Previews

## White Background



This preview shows how the Hex color FDCF3A looks on a white background.

## Color Contrast Check

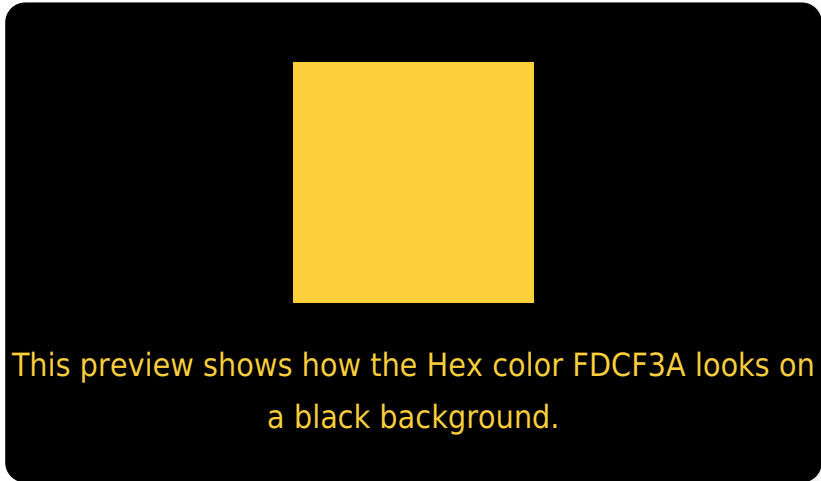
Large Text (above 18pt) WCAG AA × Fail

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 FDCF3A Background



This preview shows how black text looks on a background with the Hex color FDCF3A.



This preview shows how white text looks on a background with the Hex color FDCF3A.

# 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**  
FDCF3A

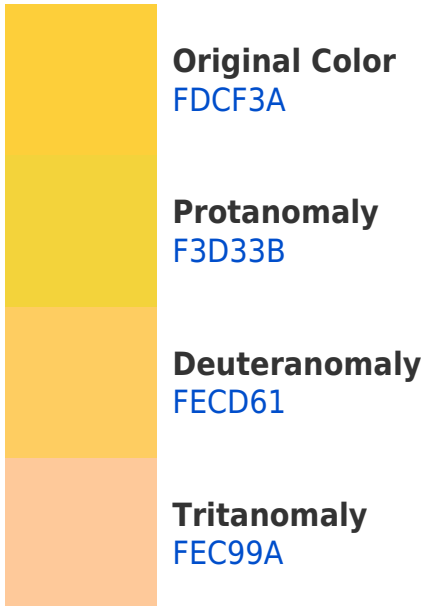
**Protanopia**  
EED53B

**Deuteranopia**  
FFCC77

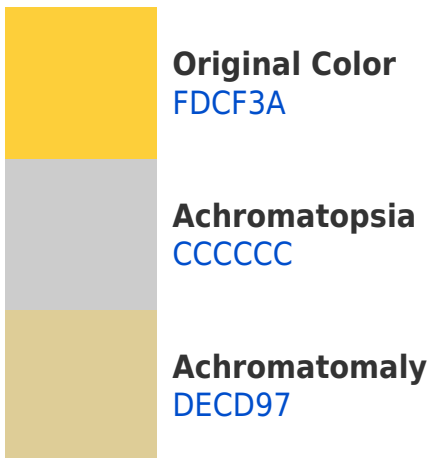


**Tritanopia**  
FFC5D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDCF3A 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 #FDCF3A looks like.

```
.text, #text, p{  
    color:#FDCF3A  
}
```

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 #FDCF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDCF3A
}
```

## Border

The CSS property to change the border of an element to Hex FDCF3A 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
#FDCF3A }
```

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

```
.border{ border-color:#FDCF3A }
```

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

Here you see how a box with a 4 pixel #FDCF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDCF3A; -webkit-box-shadow:4px 4px  
4px 4px #FDCF3A; box-shadow:4px 4px 4px  
4px #FDCF3A }
```

# Background

The CSS property to change the background color of an element to Hex FDCF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDCF3A }
```

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

```
.background{ background-color:#FDCF3A }
```

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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