

# Converting Colors

Hex(FCD23E)

Have a look what the booklet for  
Hex(FCD23E) contains.

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# **Color**

**Hex(FCD23E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD23E
RGB	252, 210, 62
RGB Percent	99%, 82%, 24%
CMY	0.0118, 0.1765, 0.7569
CMYK	0.00, 0.17, 0.75, 0.01
HSL	47°, 97%, 62%
HSV	47°, 75%, 99%
XYZ	64.0610, 67.1364, 14.1397
YIQ	205.6860, 72.5400, -37.1240

# Conversions

## Conversions Part 2

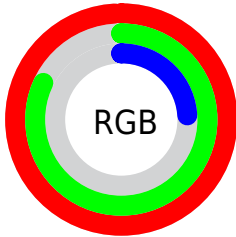
Format	Color
<a href="#">RYB</a>	<a href="#">116, 252, 62</a>
Decimal	<a href="#">16568894</a>
<a href="#">CIELab</a>	<a href="#">85.57, 0.57, 73.85</a>
<a href="#">CIELCh</a>	<a href="#">86, 73.848, 89.557</a>
<a href="#">Yxy</a>	<a href="#">67.1364, 0.4408, 0.4619</a>
Android (android.graphics.Color)	<a href="#">4294758974</a> (0xFFFC23E)
<a href="#">YUV</a>	<a href="#">205.6860, -70.8372, 40.6174</a>
<a href="#">Hunter-Lab</a>	<a href="#">81.9368, -3.8321, 47.1242</a>

# Details

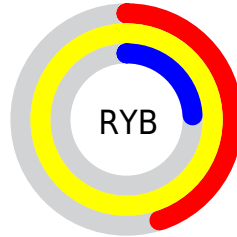
The Hex color **FCD23E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3E68FC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF78**, and **BF9C00** is the 20% darker color. If you saturate the color by 10%, you get **FCCC25**, and if you desaturate by 10%, it is **FCD857**.

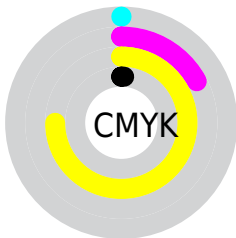
# Distribution



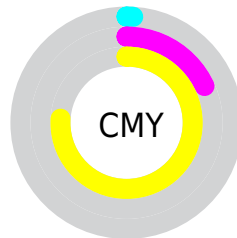
- Red (99%)
- Green (82%)
- Blue (24%)



- Red (45%)
- Yellow (99%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (75%)
- Black (1%)



- Cyan (1%)
- Magenta (18%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCD23E 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 FCD23E by changing the saturation by 10% instead.



 FCD23E

 FCD23E

FFFFFF

 DDB71B

 FFFF78

 BF9C00

 FFFF94

 A18200

 FFFFB0

 846900

 FFFFCD

 685100

 FFFFEA

 4C3B00

 322600

 191100

 000000

 FCD23E

 FCD23E

 FCCC25

 FCD857

 FCC70C

 FCDD70

 FCC400

 FCE38A

 FCE8A3

 FCEEBC

 FCF3D5

 FCF9EE

 FCFFFF

# Harmonies

## Analogous

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



FFB85C



FCD23E



B6E653

# Triad

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



FCD23E



00F7FF



FFA7FF

# Complementary

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



FCD23E



3E68FC

# 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.



D5C4FF



FCD23E



00EFFF

# Square

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



FCD23E



00F7D3



00DEFF



FF96DA

# Rectangle

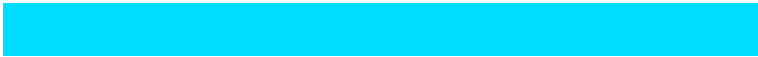
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCD23E



7BEF76



00DEFF



FFB0FF

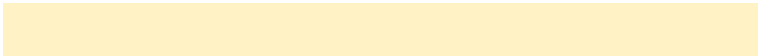


# Sweetspot

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



FCD23E



FFF2C4



FC3E6A



80785C



000000



808080



# Same Dimension

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



FCD23E



FFCC19



C9FC3E



7D7A70



BD9300



3D3000



# Inverse Universe

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



3E68FC



194CFF



713EFC



70737D



002ABD



000E3D



# Previews

## White Background



This preview shows how the Hex color FCD23E 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 FCD23E 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 FCD23E Background



This preview shows how black text looks on a background with the Hex color FCD23E.



This preview shows how white text looks on a background with the Hex color FCD23E.

# 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**  
FCD23E

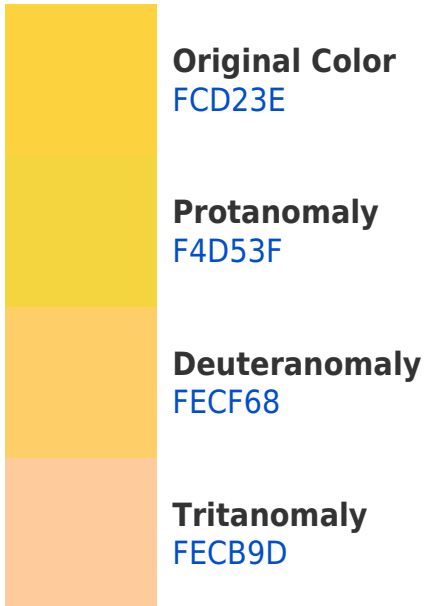
**Protanopia**  
F0D63F

**Deuteranopia**  
FFCE80

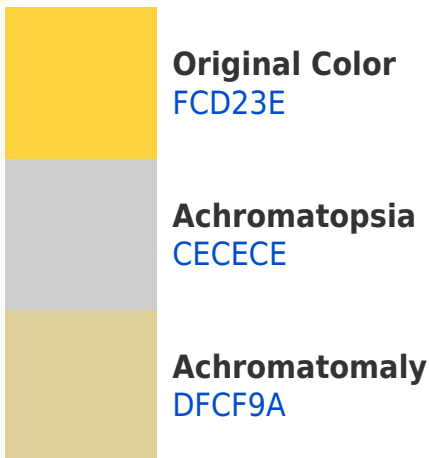


**Tritanopia**  
FFC7D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCD23E 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 #FCD23E looks like.

```
.text, #text, p{  
    color:#FCD23E  
}
```

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 #FCD23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCD23E
}
```

## Border

The CSS property to change the border of an element to Hex FCD23E 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
#FCD23E }
```

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

```
.border{ border-color:#FCD23E }
```

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

Here you see how a box with a 4 pixel #FCD23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCD23E; -webkit-box-shadow:4px 4px  
4px 4px #FCD23E; box-shadow:4px 4px 4px  
4px #FCD23E }
```

# Background

The CSS property to change the background color of an element to Hex FCD23E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCD23E }
```

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

```
.background{ background-color:#FCD23E }
```

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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