

Converting Colors

Hex(FFCD39)

Have a look what the booklet for
Hex(FFCD39) contains.

Hex(FFCD39)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFCD39)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD39
RGB	255, 205, 57
RGB Percent	100%, 80%, 22%
CMY	0.0000, 0.1961, 0.7765
CMYK	0.00, 0.20, 0.78, 0.00
HSL	45°, 100%, 61%
HSV	45°, 78%, 100%
XYZ	63.8098, 65.2181, 13.0961
YIQ	203.0780, 77.3080, -35.4280

Conversions

Conversions Part 2

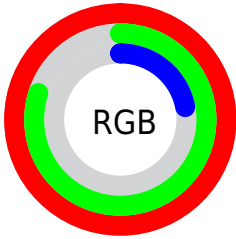
Format	Color
RYB	124, 255, 57
Decimal	16764217
CIELab	84.60, 4.21, 74.72
CIElCh	85, 74.835, 86.777
Yxy	65.2181, 0.4490, 0.4589
Android (android.graphics.Color)	4294954297 (0xFFFFCD39)
YUV	203.0780, -72.0165, 45.5356
Hunter-Lab	80.7577, -0.2861, 46.9156

Details

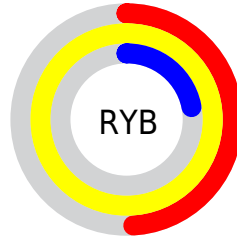
The Hex color **FFCD39** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **396BFF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF73**, and **C29700** is the 20% darker color. If you saturate the color by 10%, you get **FFC71F**, and if you desaturate by 10%, it is **FFD352**.

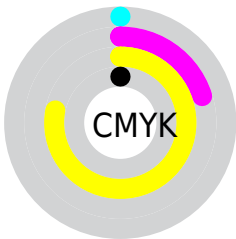
Distribution



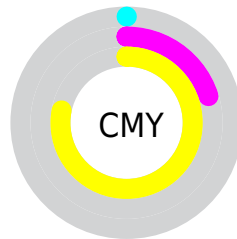
- Red (100%)
- Green (80%)
- Blue (22%)



- Red (49%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCD39 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 FFCD39 by changing the saturation by 10% instead.

 FFCD39

 FFCD39

FFFFFF

 E0B213

 FFFF73

 C29700

 FFFF8F

 A47E00

 FFFFAC

 876500

 FFFFC9

 6A4D00

 FFFF E6

 4E3700

 342200

 1B0D00

 000000

 FFCD39

 FFCD39

 FFC71F

 FFD352

 FFC006

 FFDA6C

 FFBF00

 FFE085

 FFE79F

 FFEDB8

 FFF4D2

 FFFAEB

FFFFFF

Harmonies

Analogous

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



FFB25C



FFCD39



BAE24A

Triad

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



FFCD39



00F5FF



FFA6FF

Complementary

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



FFCD39



396BFF

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.



C7C4FF



FFCD39



00EEFF

Square

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



FFCD39



00F5C9



00DDFF



FF92DE

Rectangle

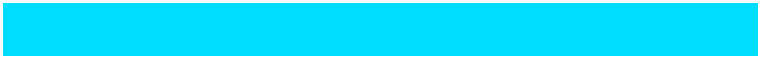
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFCD39



80EB6D



00DDFF



FFAFFF

Sweetspot

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



FFCD39



FFF0C4



FF396E



80765C



000000



808080

Same Dimension

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



FFCD39



FFC312



D1FF39



807C73



BF8F00



403000

Inverse Universe

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



396BFF



124EFF



6739FF



737680



0030BF



001040

Previews

White Background



This preview shows how the Hex color FFCD39 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 FFCD39 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 FFCD39 Background



This preview shows how black text looks on a background with the Hex color FFCD39.

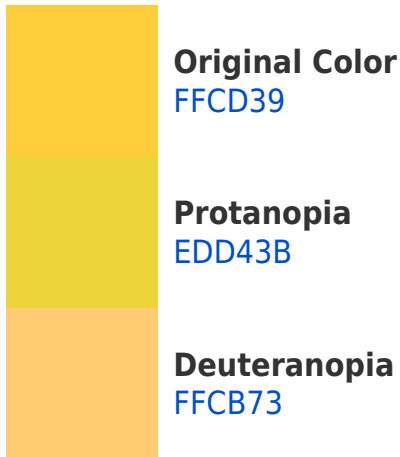


This preview shows how white text looks on a background with the Hex color FFCD39.

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](#).

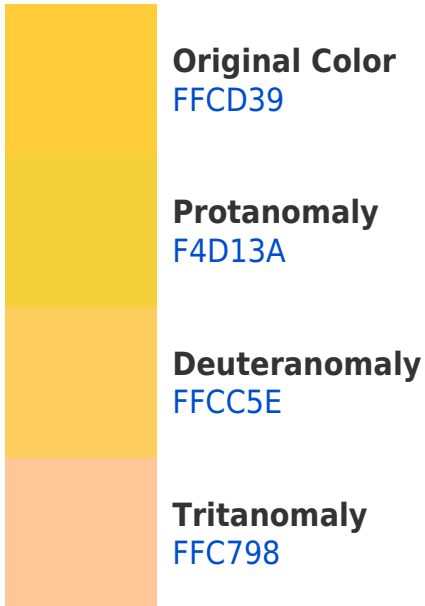
Dichromacy



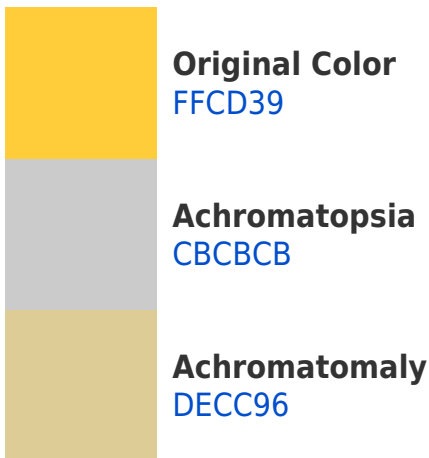


Tritanopia
FFC4CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCD39 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 #FFCD39 looks like.

```
.text, #text, p{  
    color:#FFCD39  
}
```

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 #FFCD39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCD39
}
```

Border

The CSS property to change the border of an element to Hex FFCD39 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
#FFCD39 }
```

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

```
.border{ border-color:#FFCD39 }
```

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

Here you see how a box with a 4 pixel #FFCD39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCD39; -webkit-box-shadow:4px 4px  
4px 4px #FFCD39; box-shadow:4px 4px 4px  
4px #FFCD39 }
```

Background

The CSS property to change the background color of an element to Hex FFCD39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCD39 }
```

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

```
.background{ background-color:#FFCD39 }
```

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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