

Converting Colors

Hex(CDCD3F)

Have a look what the booklet for
Hex(CDCD3F) contains.

Hex(CDCD3F)	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(CDCD3F)

Conversions

Conversions Part 1

Format	Color
Hex	CDCD3F
RGB	205, 205, 63
RGB Percent	80%, 80%, 25%
CMY	0.1961, 0.1961, 0.7529
CMYK	0.00, 0.00, 0.69, 0.20
HSL	60°, 59%, 53%
HSV	60°, 69%, 80%
XYZ	47.9054, 57.0007, 13.1800
YIQ	188.8120, 45.5820, -44.1620

Conversions

Conversions Part 2

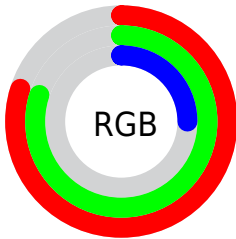
Format	Color
R_{YB}	63, 205, 63
Decimal	13487423
CIE _{Lab}	80.18, -16.66, 66.89
CIE _{LCh}	80, 68.936, 103.984
Yxy	57.0007, 0.4057, 0.4827
Android (android.graphics.Color)	4291677503 (0xFFCDCD3F)
YUV	188.8120, -62.0253, 14.1969
Hunter-Lab	75.4988, -18.8613, 42.4988

Details

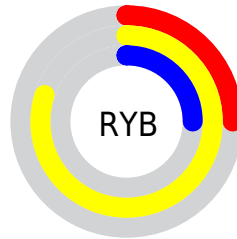
The Hex color **CDCD3F** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3F3FCD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF77**, and **939700** is the 20% darker color. If you saturate the color by 10%, you get **CDCD2B**, and if you desaturate by 10%, it is **CDCD54**.

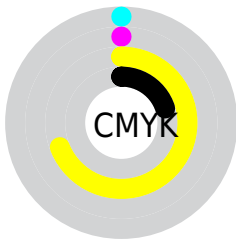
Distribution



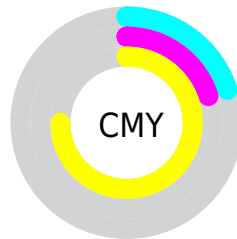
- Red (80%)
- Green (80%)
- Blue (25%)



- Red (25%)
- Yellow (80%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (69%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDCD3F 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 CDCD3F by changing the saturation by 10% instead.

 CDCD3F

 CDCD3F

FFFFFF

 B0B21F

 FFFF77

 939700

 FFFF93

 777D00

 FFFF9F

 5C6400

 FFFFCC

 414D00

 FFFFEE

 273600

 0D2100

 000100

 000000

 CDCD3F

 CDCD3F

 CDCD2B

 CDCD54

 CDCD16

 CDCD68

 CDCD02

 CDCD7D

 CDCD00

 CDCD91

 CDCDA6

 CDCDBA

 CDCDCF

 CDCDE3

 CDCDF8

Harmonies

Analogous

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



FFB745



CDCD3F



84DC65

Triad

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



CDCD3F



00E3FF



FF92EC

Complementary

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



CDCD3F



3F3FCD

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.



F1A9FF



CDCD3F



00D8FF

Square

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



CDCD3F



00E6E4



88C4FF



FF8DAB

Rectangle

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



CDCD3F



35E28C



88C4FF



FF98FF

Sweetspot

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



CDCD3F



FFFFC9



CD3F3F



808060



000000



808080

Same Dimension

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



CDCD3F



FFFF2B



86CD3F



66665C



A6A600



262600

Inverse Universe

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



3F3FCD



2B2BFF



863FCD



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CDCD3F looks on a white background.

Color Contrast Check

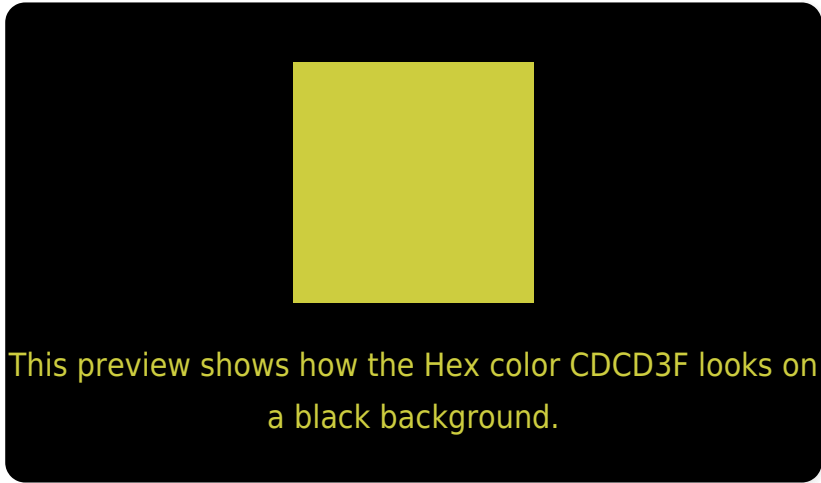
Large Text (above 18pt) WCAG AA × Fail

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 CDCD3F Background



This preview shows how black text looks on a background with the Hex color CDCD3F.

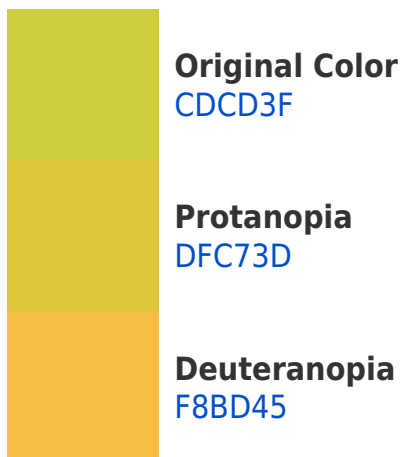


This preview shows how white text looks on a background with the Hex color CDCD3F.

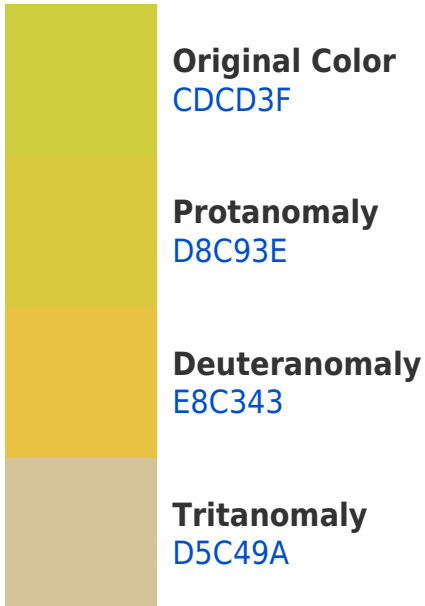
Color Blindness Simulation

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](#).

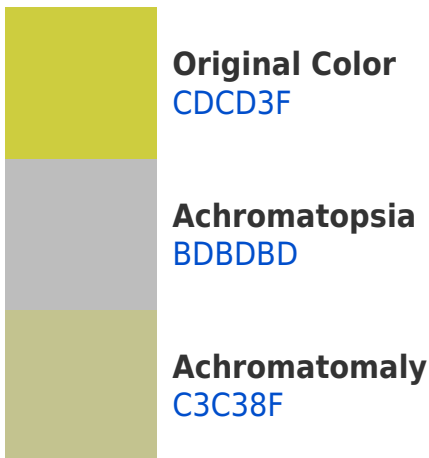
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDCD3F 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 #CDCD3F looks like.

```
.text, #text, p{  
    color:#CDCD3F  
}
```

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 #CDCD3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCD3F
}
```

Border

The CSS property to change the border of an element to Hex CDCD3F 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
#CDCD3F }
```

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

```
.border{ border-color:#CDCD3F }
```

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

Here you see how a box with a 4 pixel #CDCD3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCD3F; -webkit-box-shadow:4px 4px  
4px 4px #CDCD3F; box-shadow:4px 4px 4px  
4px #CDCD3F }
```

Background

The CSS property to change the background color of an element to Hex CDCD3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCD3F }
```

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

```
.background{ background-color:#CDCD3F }
```

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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