

# Converting Colors

Hex(C3DF0F)

Have a look what the booklet for  
Hex(C3DF0F) contains.

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**Color**

**Hex(C3DF0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3DF0F
RGB	195, 223, 15
RGB Percent	76%, 87%, 6%
CMY	0.2353, 0.1255, 0.9412
CMYK	0.13, 0.00, 0.93, 0.13
HSL	68°, 87%, 47%
HSV	68°, 93%, 87%
XYZ	48.9796, 64.4119, 10.3032
YIQ	190.9160, 50.0800, -70.6240

# Conversions

## Conversions Part 2

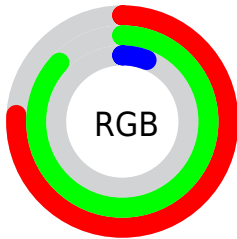
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 223, 43
Decimal	12836623
CIELab	84.18, -30.95, 81.59
CIELCh	84, 87.258, 110.773
Yxy	64.4119, 0.3960, 0.5207
Android (android.graphics.Color)	4291026703 (0xFFC3DF0F)
YUV	190.9160, -86.7266, 3.5817
Hunter-Lab	80.2571, -31.5142, 48.5684

# Details

The Hex color **C3DF0F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed yellow. A complement of this color would be **2B0FDF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF5C**, and **88A800** is the 20% darker color. If you saturate the color by 10%, you get **C1DF00**, and if you desaturate by 10%, it is **C6DF25**.

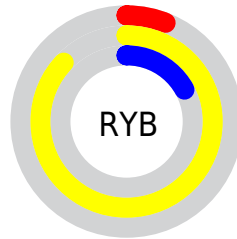
# Distribution



Red (76%)

Green (87%)

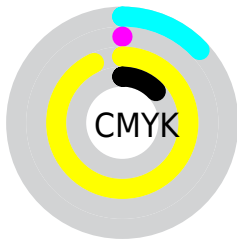
Blue (6%)



Red (6%)

Yellow (87%)

Blue (17%)

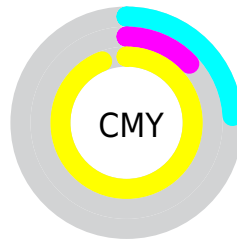


Cyan (13%)

Magenta (0%)

Yellow (93%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3DF0F 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 C3DF0F by changing the saturation by 10% instead.



 C3DF0F

 C3DF0F

FFFFFF

 A5C300

 FFFF5C

 88A800

 FFFF7A

 6C8D00

 FFFF97

 4F7400

 FFFFB4

 325B00

 FFFFD2

 144300

 FFFFF0

 002D00

 001700

 000000

 C3DF0F

 C3DF0F

 C1DF00

 C6DF25

 C9DF3C

 CCDF52

 CFDF68

 D2DF7E

 D5DF95

 D8DFAB

 DBDFC1

 DEDFD8

# Harmonies

## Analogous

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



FFC500



C3DF0F



55EF62

# Triad

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



C3DF0F



00F3FF



FF82EF

# Complementary

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



C3DF0F



2B0FDF

# 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.



FFA1FF



C3DF0F



00E3FF

# Square

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



C3DF0F



00F8FF



9DC7FF



FF839D

# Rectangle

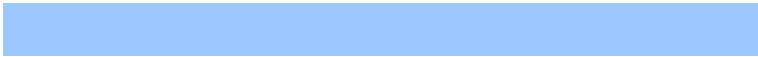
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3DF0F



00F598



9DC7FF



FF8AFF

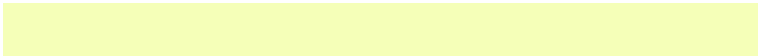


# Sweetspot

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



C3DF0F



F5FFB8



DF2B0F



7A8054



000000



808080



# Same Dimension

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



C3DF0F



Ddff00



5BDF0F



6F7065



98B000



2A3000



# Inverse Universe

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



2B0FDF



2200FF



930FDF



666570



1800B0



070030



# Previews

## White Background



This preview shows how the Hex color C3DF0F looks on a white background.

## Color Contrast Check

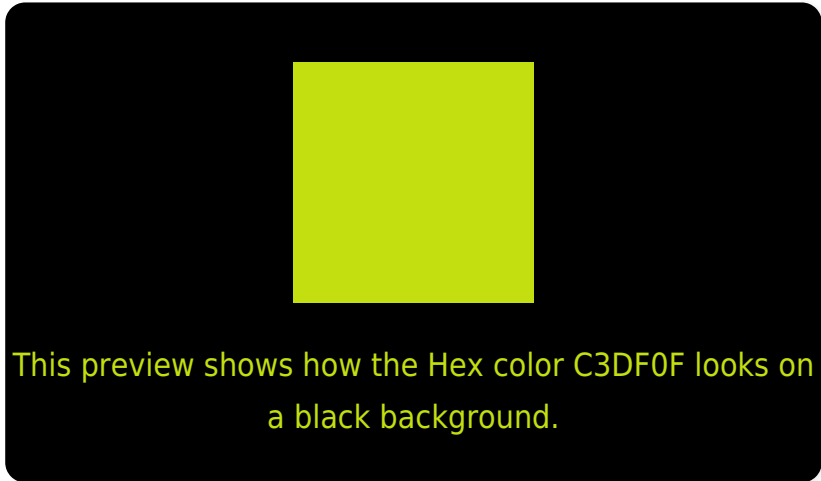
Large Text (above 18pt) WCAG AA × Fail

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 C3DF0F Background



This preview shows how black text looks on a background with the Hex color C3DF0F.



This preview shows how white text looks on a background with the Hex color C3DF0F.

# 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**  
C3DF0F

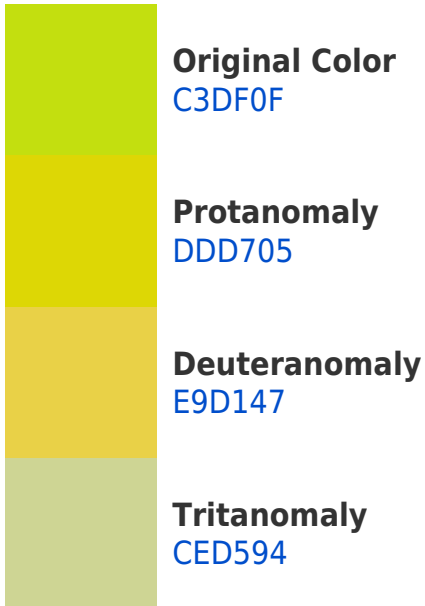
**Protanopia**  
ECD200

**Deuteranopia**  
FFC967



**Tritanopia**  
D4CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3DF0F 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 #C3DF0F looks like.

```
.text, #text, p{  
    color:#C3DF0F  
}
```

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 #C3DF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DF0F
}
```

## Border

The CSS property to change the border of an element to Hex C3DF0F 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
#C3DF0F }
```

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

```
.border{ border-color:#C3DF0F }
```

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

Here you see how a box with a 4 pixel #C3DF0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DF0F; -webkit-box-shadow:4px 4px  
4px 4px #C3DF0F; box-shadow:4px 4px 4px  
4px #C3DF0F }
```

# Background

The CSS property to change the background color of an element to Hex C3DF0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DF0F }
```

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

```
.background{ background-color:#C3DF0F }
```

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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