

# Converting Colors

Hex(CDF740)

Have a look what the booklet for  
Hex(CDF740) contains.

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# **Color**

**Hex(CDF740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDF740
RGB	205, 247, 64
RGB Percent	80%, 97%, 25%
CMY	0.1961, 0.0314, 0.7490
CMYK	0.17, 0.00, 0.74, 0.03
HSL	74°, 92%, 61%
HSV	74°, 74%, 97%
XYZ	59.3630, 79.8708, 17.1383
YIQ	213.5800, 33.7110, -65.8170

# Conversions

## Conversions Part 2

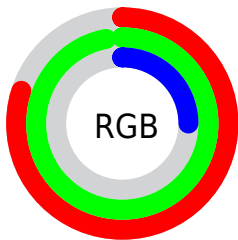
Format	Color
<a href="#">RYB</a>	<a href="#">64, 247, 106</a>
Decimal	<a href="#">13498176</a>
CIELab	<a href="#">91.63, -36.51, 77.58</a>
CIELCh	<a href="#">92, 85.742, 115.205</a>
Yxy	<a href="#">79.8708, 0.3796, 0.5108</a>
Android (android.graphics.Color)	<a href="#">4291688256 (0xFFCDF740)</a>
YUV	<a href="#">213.5800, -73.7429, -7.5247</a>
Hunter-Lab	<a href="#">89.3705, -37.8324, 51.1895</a>

# Details

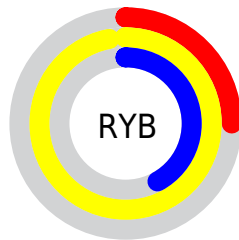
The Hex color **CDF740** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6A40F7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF7C**, and **92BF00** is the 20% darker color. If you saturate the color by 10%, you get **C7F727**, and if you desaturate by 10%, it is **D3F759**.

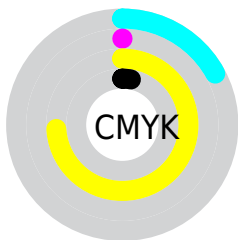
# Distribution



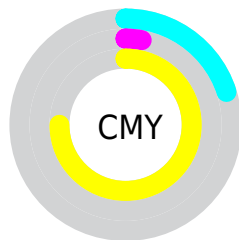
- Red (80%)
- Green (97%)
- Blue (25%)



- Red (25%)
- Yellow (97%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (74%)
- Black (3%)



- Cyan (20%)
- Magenta (3%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDF740 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 CDF740 by changing the saturation by 10% instead.



 CDF740

FFFFFF

 FFFF7C

 FFFF99

 FFFFB6

 FFFFD3

 FFFFF1

 CDF740

 AFDA19

 92BF00

 76A300

 598900

 3C6F00

 1D5700

 003F00

 002900

 000B00

 CDF740

 CDF740

 C7F727

 D3F759

 C2F70F

 D8F771

 BEF700

 DEF78A

 E4F7A3

 E9F7BC

 EFF7D4

 F5F7ED

 FAF7FF

 FFF7FF

# Harmonies

## Analogous

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



FFDE2D



CDF740



59FF84

# Triad

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



CDF740



00FFFF



FF99F8

# Complementary

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



CDF740



6A40F7

# 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.



FFB2FF



CDF740



00F4FF

# Square

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



CDF740



00FFFF



CFD7FF



FF9FA6

# Rectangle

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



CDF740



00FFBA



CFD7FF



FF9EFF

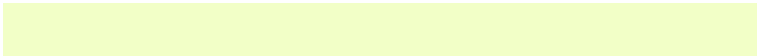


# Sweetspot

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



CDF740



F2FFC7



F76840



78805E



000000



808080



# Same Dimension

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



CDF740



CBFF1C



74F740



787A6E



8FBA00



2D3B00



# Inverse Universe

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



6A40F7



501CFF



C340F7



716E7A



2B00BA

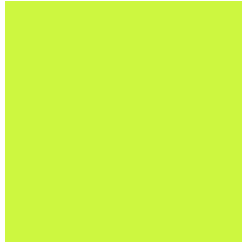


0D003B



# Previews

## White Background



This preview shows how the Hex color CDF740 looks on a white background.

## Color Contrast Check

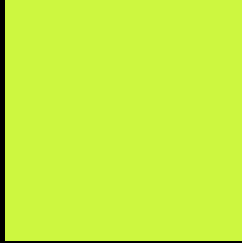
Large Text (above 18pt) WCAG AA × Fail

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 CDF740 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 CDF740 Background



This preview shows how black text looks on a background with the Hex color CDF740.

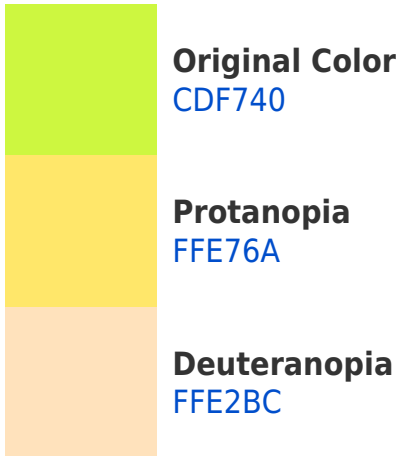


This preview shows how white text looks on a background with the Hex color CDF740.

# 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



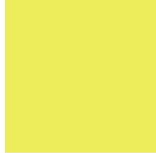


**Tritanopia**  
E0E6F9

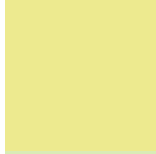
# Trichromacy



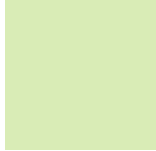
**Original Color**  
CDF740



**Protanomaly**  
EDED5B



**Deuteranomaly**  
EDEA8F

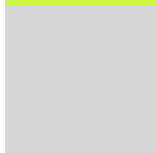


**Tritanomaly**  
D9ECB6

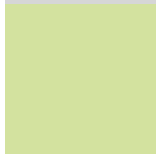
# Monochromacy



**Original Color**  
CDF740



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
D3E29F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDF740 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 #CDF740 looks like.

```
.text, #text, p{  
    color:#CDF740  
}
```

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 #CDF740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF740
}
```

## Border

The CSS property to change the border of an element to Hex CDF740 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
#CDF740 }
```

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

```
.border{ border-color:#CDF740 }
```

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

Here you see how a box with a 4 pixel #CDF740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF740; -webkit-box-shadow:4px 4px  
4px 4px #CDF740; box-shadow:4px 4px 4px  
4px #CDF740 }
```

# Background

The CSS property to change the background color of an element to Hex CDF740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF740 }
```

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

```
.background{ background-color:#CDF740 }
```

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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