

# Converting Colors

Hex(D0EC0F)

Have a look what the booklet for  
Hex(D0EC0F) contains.

<b>Hex(D0EC0F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D0EC0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0EC0F
RGB	208, 236, 15
RGB Percent	82%, 93%, 6%
CMY	0.1843, 0.0745, 0.9412
CMYK	0.12, 0.00, 0.94, 0.07
HSL	68°, 88%, 49%
HSV	68°, 94%, 93%
XYZ	56.0941, 73.4353, 11.6699
YIQ	202.4340, 54.2530, -74.6670

# Conversions

## Conversions Part 2

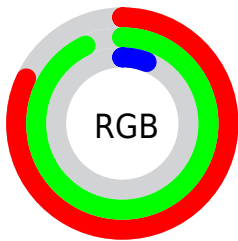
Format	Color
R <sub>Y</sub> B	15, 236, 43
Decimal	13691919
CIE Lab	88.65, -31.70, 85.44
CIE LCh	89, 91.128, 110.355
Yxy	73.4353, 0.3973, 0.5201
Android (android.graphics.Color)	4291881999 (0xFFD0EC0F)
YUV	202.4340, -92.4050, 4.8814
Hunter-Lab	85.6944, -33.1221, 51.9119

# Details

The Hex color **D0EC0F** 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 **2B0FEC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF5F**, and **95B400** is the 20% darker color. If you saturate the color by 10%, you get **CEEC00**, and if you desaturate by 10%, it is **D3EC27**.

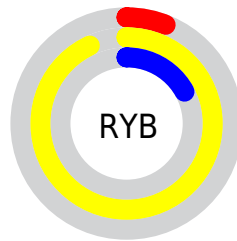
# Distribution



Red (82%)

Green (93%)

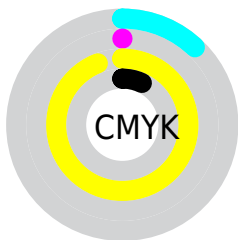
Blue (6%)



Red (6%)

Yellow (93%)

Blue (17%)

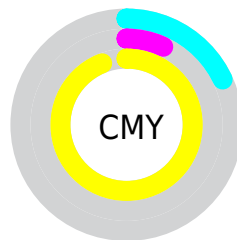


Cyan (12%)

Magenta (0%)

Yellow (94%)

Black (7%)



Cyan (18%)

Magenta (7%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0EC0F 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 D0EC0F by changing the saturation by 10% instead.



 D0EC0F

 D0EC0F

FFFFFF

 B2D000

 FFFF5F

 95B400

 FFFF7D

 789900

 FFFF9B

 5B7F00

 FFFFB8

 3E6600

 FFFFD6

 204E00

 FFFFF4

 003700

 002300

 000000

 D0EC0F

 D0EC0F

 CEEC00

 D3EC27

 D6EC3E

 D9EC56

 DCEC6D

 DFEC85

 E2EC9D

 E5ECB4

 E8ECCC

 EBEC E3

# Harmonies

## Analogous

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



FFD100



D0EC0F



5DFD67

# Triad

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



D0EC0F



00FFFF



FF8AFF

# Complementary

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



D0EC0F



2B0FEC

# 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.



FFACFF



D0EC0F



00F1FF

# Square

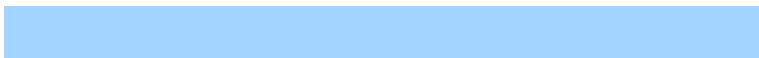
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0EC0F



00FFFF



A3D3FF



FF8BA8

# Rectangle

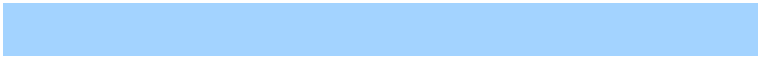
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0EC0F



00FFA1



A3D3FF



FF93FF

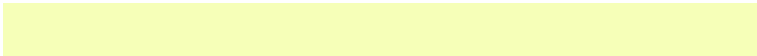


# Sweetspot

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



D0EC0F



F6FFB8



EC290F



7A8054



000000



808080



# Same Dimension

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



D0EC0F



DFFF00



64EC0F



74756A



9EB500



2F3600



# Inverse Universe

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



2B0FEC



2000FF



970FEC



6B6A75



1700B5

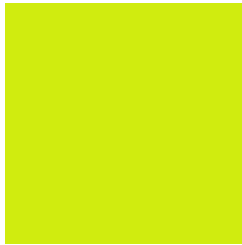


070036



# Previews

## White Background



This preview shows how the Hex color D0EC0F looks on a white background.

## Color Contrast Check

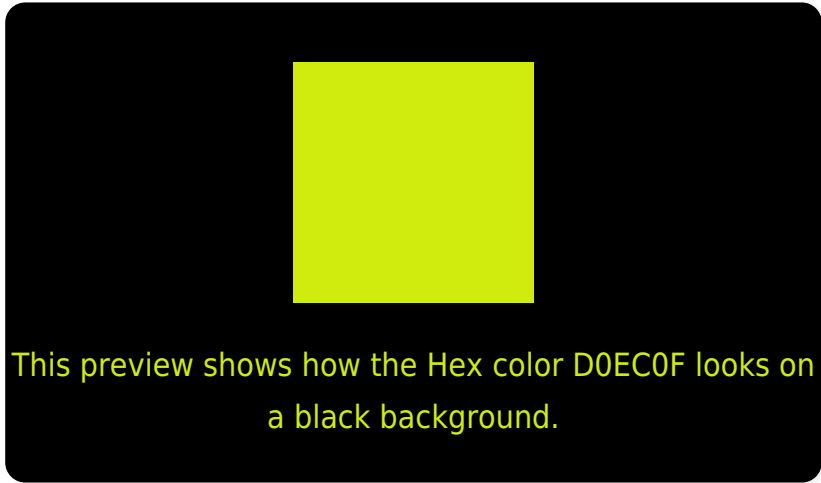
Large Text (above 18pt) WCAG AA × Fail

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 D0EC0F Background



This preview shows how black text looks on a background with the Hex color D0EC0F.

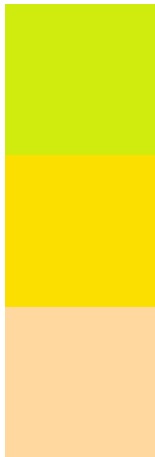


This preview shows how white text looks on a background with the Hex color D0EC0F.

# 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**  
D0EC0F

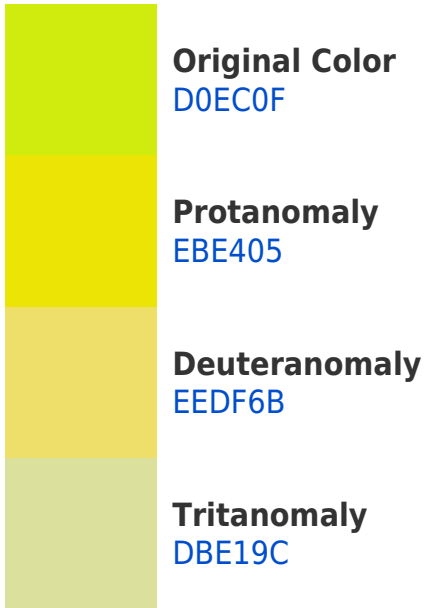
**Protanopia**  
FBDF00

**Deuteranopia**  
FFD89F

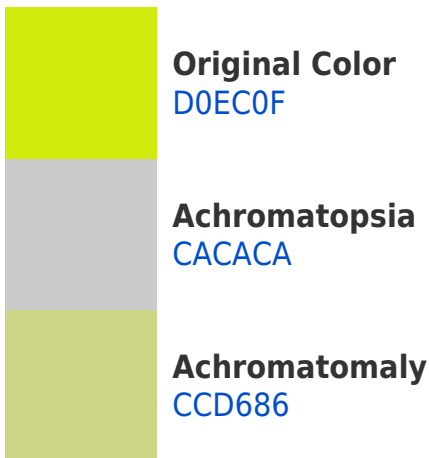


**Tritanopia**  
E2DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0EC0F 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 #D0EC0F looks like.

```
.text, #text, p{  
    color:#D0EC0F  
}
```

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 #D0EC0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0EC0F
}
```

## Border

The CSS property to change the border of an element to Hex D0EC0F 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
#D0EC0F }
```

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

```
.border{ border-color:#D0EC0F }
```

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

Here you see how a box with a 4 pixel #D0EC0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0EC0F; -webkit-box-shadow:4px 4px  
4px 4px #D0EC0F; box-shadow:4px 4px 4px  
4px #D0EC0F }
```

# Background

The CSS property to change the background color of an element to Hex D0EC0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0EC0F }
```

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

```
.background{ background-color:#D0EC0F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor