

# Converting Colors

Hex(3DED0C)

Have a look what the booklet for  
Hex(3DED0C) contains.

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# Color

Hex(3DED0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3DED0C
RGB	61, 237, 12
RGB Percent	24%, 93%, 5%
CMY	0.7608, 0.0706, 0.9529
CMYK	0.74, 0.00, 0.95, 0.07
HSL	107°, 90%, 49%
HSV	107°, 95%, 93%
XYZ	32.2750, 61.5870, 10.5342
YIQ	158.7260, -32.6710, -107.2870

# Conversions

## Conversions Part 2

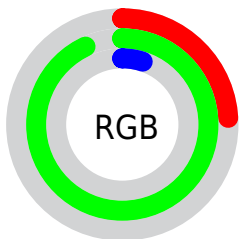
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 237, 188
Decimal	4058380
CIELab	82.69, -76.57, 78.35
CIELCh	83, 109.552, 134.344
Yxy	61.5870, 0.3092, 0.5899
Android (android.graphics.Color)	4282248460 (0xFF3DED0C)
YUV	158.7260, -72.3359, -85.7057
Hunter-Lab	78.4774, -63.9246, 46.9755

# Details

The Hex color **3DED0C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **BC0CED**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **88FF5C**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **34ED00**, and if you desaturate by 10%, it is **50ED24**.

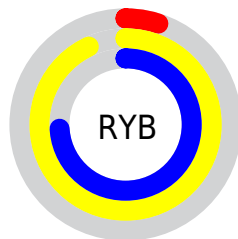
# Distribution



Red (24%)

Green (93%)

Blue (5%)



Red (5%)

Yellow (93%)

Blue (74%)

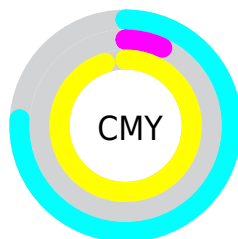


Cyan (74%)

Magenta (0%)

Yellow (95%)

Black (7%)



Cyan (76%)

Magenta (7%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DED0C 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 3DED0C by changing the saturation by 10% instead.



 3DED0C

 3DED0C


FFFFFF

 00D000

 88FF5C

 00B300

 A8FF7A

 009800

 C8FF97

 007C00

 E8FFB4

 006200

 FFFFD2

 004800

 FFFFF0

 002F00

 001100

 000000

 3DED0C

 3DED0C

 34ED00

 50ED24

 62ED3B

 75ED53

 87ED6B

 9AED83

 ACED9A

 BFEDB2

 D1EDCA

 E4EDE1

# Harmonies

## Analogous

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



CAD900



3DED0C



00F792

# Triad

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



3DED0C



00E9FF



FF48A1

# Complementary

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



3DED0C



BC0CED

# 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.



FF58FF



3DED0C



00CAFF

# Square

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



3DED0C



00F7FF



FF97FF



FF813D

# Rectangle

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



3DED0C



00FADB



FF97FF



FF41C4

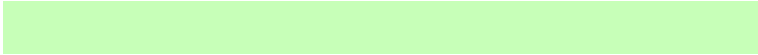


# Sweetspot

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



3DED0C



C7FFB8



EDB80C



5E8054



000000



808080



# Same Dimension

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



3DED0C



38FF00



0CED48



6C756A



27B500



0C3600



# Inverse Universe

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



BC0CED



C700FF



ED0CB1



736A75



8E00B5

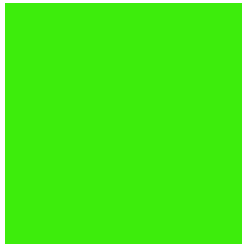


2A0036



# Previews

## White Background



This preview shows how the Hex color 3DED0C looks on a white background.

## Color Contrast Check

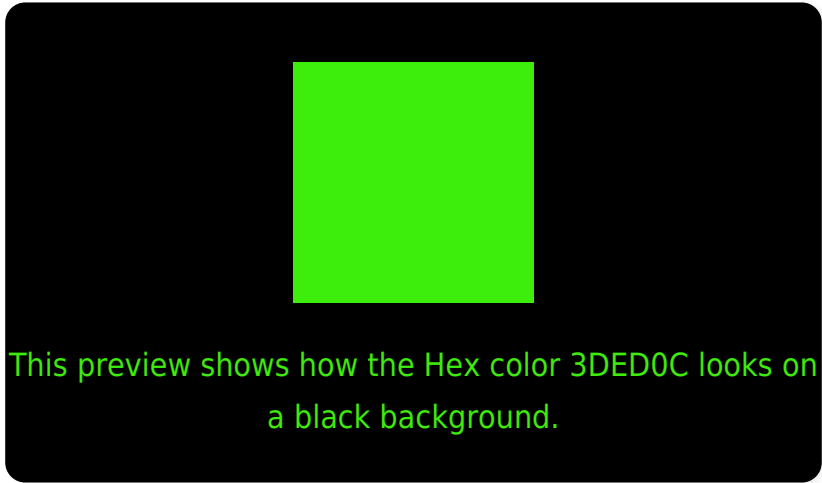
Large Text (above 18pt) WCAG AA × Fail

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 3DED0C Background



This preview shows how black text looks on a background with the Hex color 3DED0C.

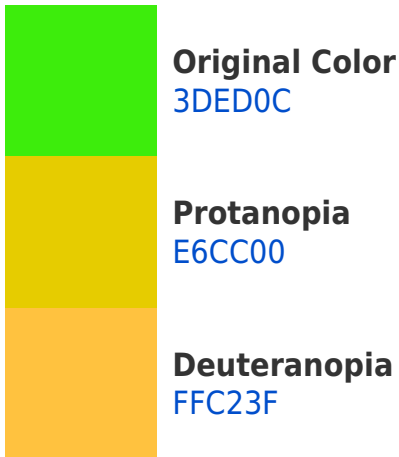


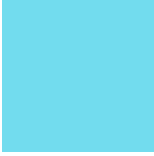
This preview shows how white text looks on a background with the Hex color 3DED0C.

# 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](#).

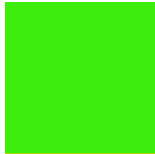
## Dichromacy





**Tritanopia**  
72DCEE

# Trichromacy



**Original Color**  
3DED0C



**Protanomaly**  
A9D804

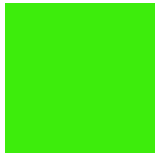


**Deuteranomaly**  
B8D22C



**Tritanomaly**  
5FE29C

# Monochromacy



**Original Color**  
3DED0C



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7BBB6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DED0C 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 #3DED0C looks like.

```
.text, #text, p{  
    color:#3DED0C  
}
```

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 #3DED0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DED0C
}
```

## Border

The CSS property to change the border of an element to Hex 3DED0C 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
#3DED0C }
```

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

```
.border{ border-color:#3DED0C }
```

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

Here you see how a box with a 4 pixel #3DED0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DED0C; -webkit-box-shadow:4px 4px  
4px 4px #3DED0C; box-shadow:4px 4px 4px  
4px #3DED0C }
```

# Background

The CSS property to change the background color of an element to Hex 3DED0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DED0C }
```

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

```
.background{ background-color:#3DED0C }
```

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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