

# Converting Colors

Hex(41DE0C)

Have a look what the booklet for  
Hex(41DE0C) contains.

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# Color

Hex(41DE0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	41DE0C
RGB	65, 222, 12
RGB Percent	25%, 87%, 5%
CMY	0.7451, 0.1294, 0.9529
CMYK	0.71, 0.00, 0.95, 0.13
HSL	105°, 90%, 46%
HSV	105°, 95%, 87%
XYZ	28.3676, 53.3929, 9.1586
YIQ	151.1170, -26.1620, -98.5940

# Conversions

## Conversions Part 2

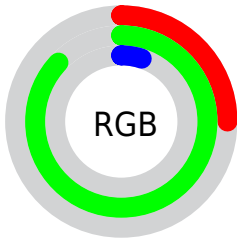
Format	Color
<a href="#">RYB</a>	<a href="#">12, 222, 169</a>
Decimal	<a href="#">4316684</a>
CIELab	<a href="#">78.11, -71.49, 74.62</a>
CIELCh	<a href="#">78, 103.340, 133.771</a>
Yxy	<a href="#">53.3929, 0.3120, 0.5873</a>
Android (android.graphics.Color)	<a href="#">4282506764 (0xFF41DE0C)</a>
YUV	<a href="#">151.1170, -68.5847, -75.5246</a>
Hunter-Lab	<a href="#">73.0705, -58.5755, 43.7180</a>

# Details

The Hex color **41DE0C** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A90CDE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **87FF59**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **38DE00**, and if you desaturate by 10%, it is **52DE22**.

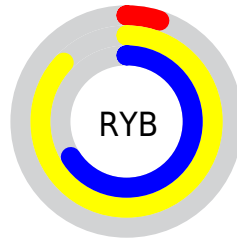
# Distribution



Red (25%)

Green (87%)

Blue (5%)



Red (5%)

Yellow (87%)

Blue (66%)

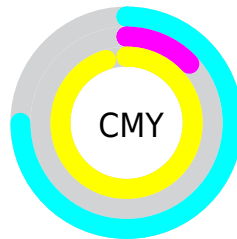


Cyan (71%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (75%)

Magenta (13%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41DE0C 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 41DE0C by changing the saturation by 10% instead.



 41DE0C

 41DE0C

FFFFFF

 00C100

 87FF59

 00A500

 A7FF76

 008A00

 C6FF93

 006F00

 E6FFB0

 005500

 FFFFCD

 003D00

 FFFFEB

 002300

 000000

 41DE0C

 41DE0C

 38DE00

 52DE22

 62DE38

 73DE4F

 83DE65

 94DE7B

 A5DE91

 B5DEA7

 C6DEBE

 D6DED4

# Harmonies

## Analogous

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



C0CB00



41DE0C



00E788

# Triad

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



41DE0C



00DBFF



FF469A

# Complementary

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



41DE0C



A90CDE

# 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.



FF56F9



41DE0C



00BEFF

# Square

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



41DE0C



00E8FF



FA8FFF



FF793C

# Rectangle

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



41DE0C



00EACB



FA8FFF



FF41B9

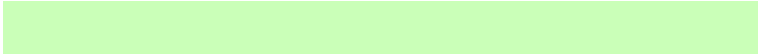


# Sweetspot

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



41DE0C



CAFFB8



DEA60C



5F8054



000000



808080



# Same Dimension

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



41DE0C



40FF00



0CDE3D



687065



2CB000



0C3000



# Inverse Universe

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



A90CDE



BF00FF



DE0CAD



6D6570



8400B0

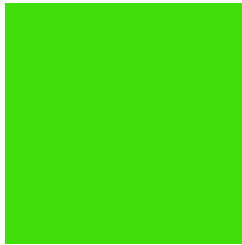


240030



# Previews

## White Background



This preview shows how the Hex color 41DE0C looks on a white background.

## Color Contrast Check

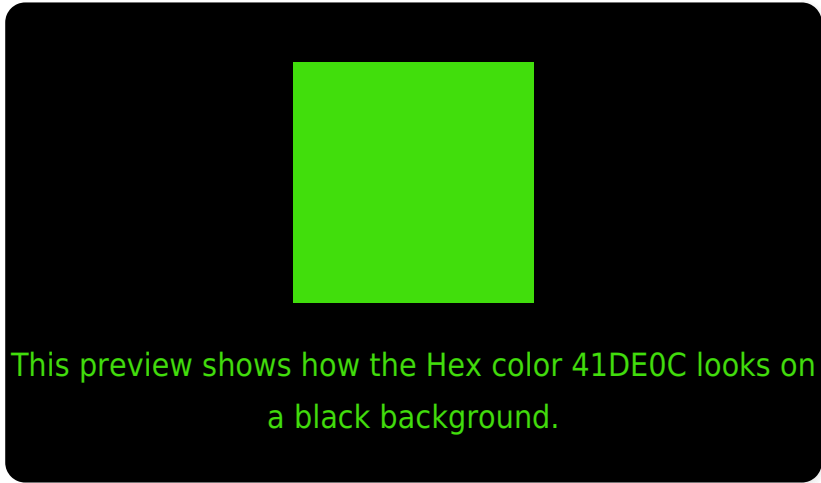
Large Text (above 18pt) WCAG AA × Fail

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

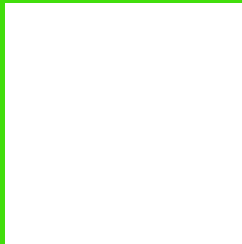
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41DE0C Background



This preview shows how black text looks on a background with the Hex color 41DE0C.

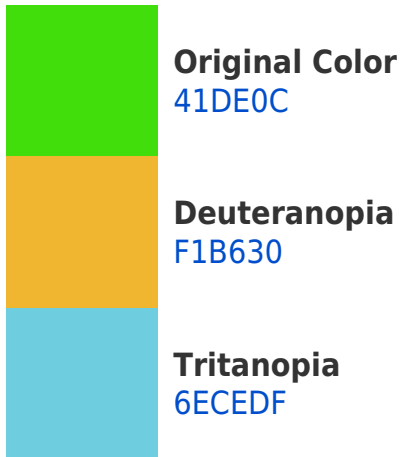


This preview shows how white text looks on a background with the Hex color 41DE0C.

# 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](#).

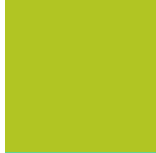
## Dichromacy



# Trichromacy



**Original Color**  
41DE0C

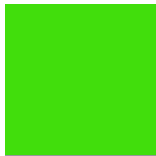


**Deuteranomaly**  
B1C523



**Tritanomaly**  
5ED492

# Monochromacy



**Original Color**  
41DE0C



**Achromatopsia**  
979797



**Achromatomaly**  
78B164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41DE0C 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 #41DE0C looks like.

```
.text, #text, p{  
    color:#41DE0C  
}
```

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 #41DE0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DE0C
}
```

## Border

The CSS property to change the border of an element to Hex 41DE0C 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
#41DE0C }
```

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

```
.border{ border-color:#41DE0C }
```

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

Here you see how a box with a 4 pixel #41DE0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DE0C; -webkit-box-shadow:4px 4px  
4px 4px #41DE0C; box-shadow:4px 4px 4px  
4px #41DE0C }
```

# Background

The CSS property to change the background color of an element to Hex 41DE0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DE0C }
```

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

```
.background{ background-color:#41DE0C }
```

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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