

# Converting Colors

Hex(11ED00)

Have a look what the booklet for  
Hex(11ED00) contains.

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# Color

Hex(11ED00)

# Conversions

## Conversions Part 1

Format	Color
Hex	11ED00
RGB	17, 237, 0
RGB Percent	7%, 93%, 0%
CMY	0.9333, 0.0706, 1.0000
CMYK	0.93, 0.00, 1.00, 0.07
HSL	116°, 100%, 46%
HSV	116°, 100%, 93%
XYZ	30.5154, 60.6875, 10.1055
YIQ	144.2020, -55.0430, -120.3470

# Conversions

## Conversions Part 2

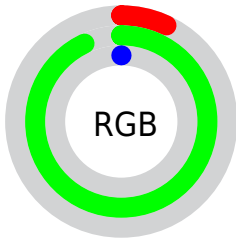
Format	Color
<b>RYB</b>	0, 237, 220
Decimal	1174784
CIELab	82.21, -80.95, 78.78
CIELCh	82, 112.955, 135.780
Yxy	60.6875, 0.3012, 0.5990
Android (android.graphics.Color)	4279364864 (0xFF11ED00)
YUV	144.2020, -71.0916, -111.5562
Hunter-Lab	77.9022, -66.4080, 46.8404

# Details

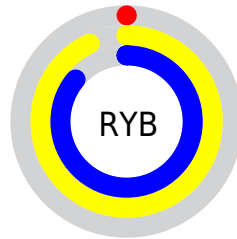
The Hex color **11ED00** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DC00ED**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **76FF58**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **11ED00**, and if you desaturate by 10%, it is **27ED18**.

# Distribution



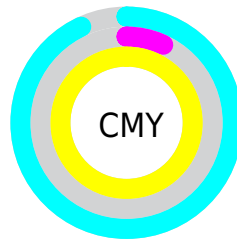
- Red (7%)
- Green (93%)
- Blue (0%)



- Red (0%)
- Yellow (93%)
- Blue (86%)



- Cyan (93%)
- Magenta (0%)
- Yellow (100%)
- Black (7%)




- Cyan (93%)
- Magenta (7%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11ED00 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 11ED00 by changing the saturation by 10% instead.



 11ED00

 11ED00


FFFFFF

 00D000

 76FF58

 00B300

 98FF77

 009700

 B9FF94

 007C00

 DAFFB2

 006100

 FAFFCF


 004700

 FFFFED

 002E00

 000F00

 000000

 11ED00

 27ED18

 3DED2F

 53ED47

 69ED5F

 7FED76

 95ED8E

 ABEDA6

 C1EDBE

 D7EDD5

# Harmonies

## Analogous

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



C3D900



11ED00



00F794

# Triad

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



11ED00



00E8FF



FF3B9A

# Complementary

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



11ED00



DC00ED

# 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.



FF49FF



11ED00



00C7FF

# Square

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



11ED00



00F6FF



FF90FF



FF7E30

# Rectangle

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



11ED00



00F9DF



FF90FF



FF2FBD

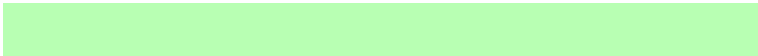


# Sweetspot

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



11ED00



B8FFB3



EDD900



558052



000000



808080



# Same Dimension

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



11ED00



12FF00



00ED63



6A756A



0DB500



043600



# Inverse Universe

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



DC00ED



ED00FF



ED008A



746A75



A800B5

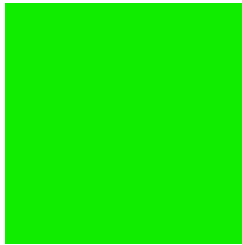


320036



# Previews

## White Background



This preview shows how the Hex color 11ED00 looks on a white background.

## Color Contrast Check

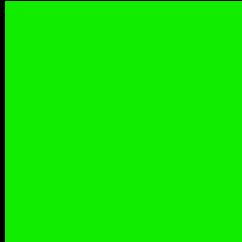
Large Text (above 18pt) WCAG AA × Fail

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 11ED00 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

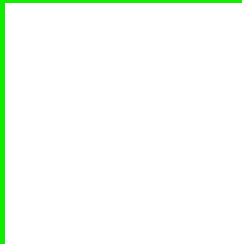
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 11ED00 Background



This preview shows how black text looks on a background with the Hex color 11ED00.

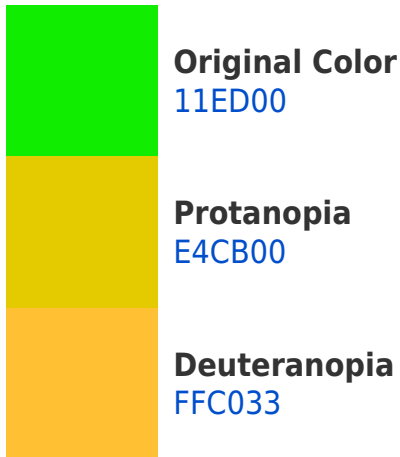


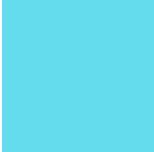
This preview shows how white text looks on a background with the Hex color 11ED00.

# 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](#).

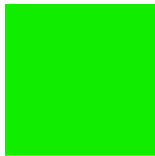
## Dichromacy





**Tritanopia**  
64DCEE

# Trichromacy



**Original Color**

11ED00



**Protanomaly**

97D700



**Deuteranomaly**

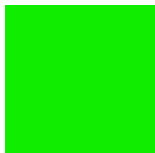
A8D020



**Tritanomaly**

46E297

# Monochromacy



**Original Color**

11ED00



**Achromatopsia**

909090



**Achromatomaly**

62B25C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11ED00 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 #11ED00 looks like.

```
.text, #text, p{  
    color:#11ED00  
}
```

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 #11ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11ED00
}
```

## Border

The CSS property to change the border of an element to Hex 11ED00 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
#11ED00 }
```

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

```
.border{ border-color:#11ED00 }
```

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

Here you see how a box with a 4 pixel #11ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11ED00; -webkit-box-shadow:4px 4px  
4px 4px #11ED00; box-shadow:4px 4px 4px  
4px #11ED00 }
```

# Background

The CSS property to change the background color of an element to Hex 11ED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11ED00 }
```

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

```
.background{ background-color:#11ED00 }
```

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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