

# Converting Colors

Hex(11DF11)

Have a look what the booklet for  
Hex(11DF11) contains.

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# **Color**

**Hex(11DF11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11DF11
RGB	17, 223, 17
RGB Percent	7%, 87%, 7%
CMY	0.9333, 0.1255, 0.9333
CMYK	0.92, 0.00, 0.92, 0.13
HSL	120°, 86%, 47%
HSV	120°, 92%, 87%
XYZ	26.7200, 52.9350, 9.3395
YIQ	137.9220, -56.6500, -107.7380

# Conversions

## Conversions Part 2

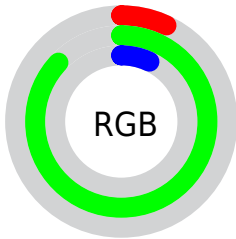
Format	Color
<a href="#">RYB</a>	<a href="#">17, 223, 223</a>
Decimal	<a href="#">1171217</a>
CIELab	<a href="#">77.84, -76.92, 73.58</a>
CIELCh	<a href="#">78, 106.452, 136.271</a>
Yxy	<a href="#">52.9350, 0.3002, 0.5948</a>
Android (android.graphics.Color)	<a href="#">4279361297</a> ( <a href="#">0xFF11DF11</a> )
YUV	<a href="#">137.9220, -59.6145, -106.0486</a>
Hunter-Lab	<a href="#">72.7564, -61.7691, 43.3186</a>

# Details

The Hex color **11DF11** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DF11DF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **72FF5A**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **00DF00**, and if you desaturate by 10%, it is **27DF27**.

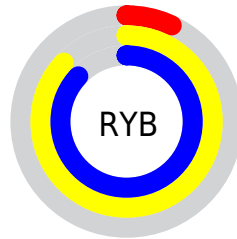
# Distribution



Red (7%)

Green (87%)

Blue (7%)



Red (7%)

Yellow (87%)

Blue (87%)

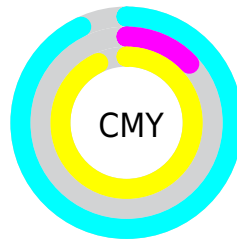


Cyan (92%)

Magenta (0%)

Yellow (92%)

Black (13%)



Cyan (93%)

Magenta (13%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11DF11 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 11DF11 by changing the saturation by 10% instead.



 11DF11

 11DF11

FFFFFF

 00C200

 72FF5A

 00A600

 93FF78

 008A00

 B4FF94

 006F00

 D4FFB1

 005500


 F3FFCF


 003D00

 FFF FEC

 002200

 000000

 11DF11

 11DF11

 00DF00

 27DF27

 3EDF3E

 54DF54

 6ADF6A

 81DF81

 97DF97

 ADDFAD

 C3DFC3

 DADFDA

# Harmonies

## Analogous

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



B6CC00



11DF11



00E88E

# Triad

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



11DF11



00D9FF



FF3E90

# Complementary

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



11DF11



DF11DF

# 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.



FF48F2



11DF11



00BAFF

# Square

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



11DF11



00E7FF



FF88FF



FF792D

# Rectangle

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



11DF11



00EAD3



FF88FF



FF33B0

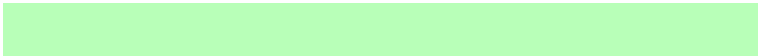


# Sweetspot

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



11DF11



B8FFB8



DFDF11



548054



000000



808080



# Same Dimension

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



11DF11



00FF00



11DF78



657065



00B000



003000



# Inverse Universe

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



DF11DF



FF00FF



DF1178



706570



B000B0

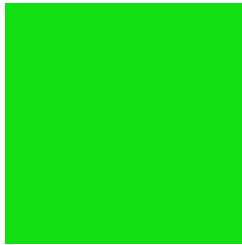


300030



# Previews

## White Background



This preview shows how the Hex color 11DF11 looks on a white background.

## Color Contrast Check

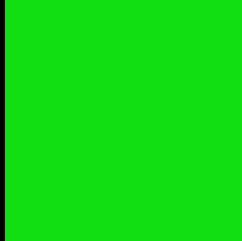
Large Text (above 18pt) WCAG AA × Fail

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 11DF11 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 11DF11 Background



This preview shows how black text looks on a background with the Hex color 11DF11.



This preview shows how white text looks on a background with the Hex color 11DF11.

# 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](#).

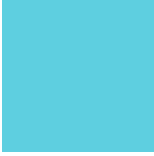
## Dichromacy



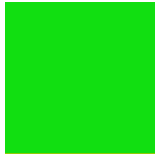
**Original Color**  
11DF11

**Protanopia**  
D7BF00

**Deuteranopia**  
EFB533



# Trichromacy



**Original Color**  
11DF11



**Protanomaly**  
8FCB06

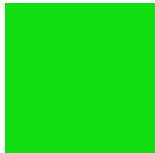


**Deuteranomaly**  
9EC427



**Tritanomaly**  
42D595

# Monochromacy



**Original Color**  
11DF11



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
5EA95E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11DF11 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 #11DF11 looks like.

```
.text, #text, p{  
    color:#11DF11  
}
```

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 #11DF11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11DF11
}
```

## Border

The CSS property to change the border of an element to Hex 11DF11 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
#11DF11 }
```

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

```
.border{ border-color:#11DF11 }
```

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

Here you see how a box with a 4 pixel #11DF11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11DF11; -webkit-box-shadow:4px 4px  
4px 4px #11DF11; box-shadow:4px 4px 4px  
4px #11DF11 }
```

# Background

The CSS property to change the background color of an element to Hex 11DF11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11DF11 }
```

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

```
.background{ background-color:#11DF11 }
```

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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