

# Converting Colors

Hex(13E013)

Have a look what the booklet for  
Hex(13E013) contains.

<b>Hex(13E013)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(13E013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13E013
RGB	19, 224, 19
RGB Percent	7%, 88%, 7%
CMY	0.9255, 0.1216, 0.9255
CMYK	0.92, 0.00, 0.92, 0.12
HSL	120°, 84%, 48%
HSV	120°, 92%, 88%
XYZ	27.0418, 53.4968, 9.5168
YIQ	139.3350, -56.3750, -107.2150

# Conversions

## Conversions Part 2

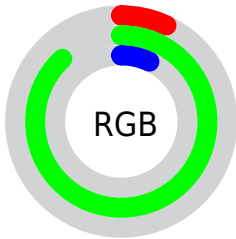
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 224, 224
Decimal	1302547
CIE Lab	78.17, -77.04, 73.60
CIE LCh	78, 106.547, 136.308
Yxy	53.4968, 0.3003, 0.5940
Android (android.graphics.Color)	4279492627 (0xFF13E013)
YUV	139.3350, -59.3252, -105.5338
Hunter-Lab	73.1415, -62.0029, 43.4846

# Details

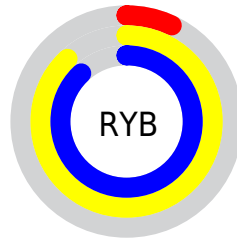
The Hex color **13E013** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E013E0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72FF5B**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E000**, and if you desaturate by 10%, it is **29E029**.

# Distribution



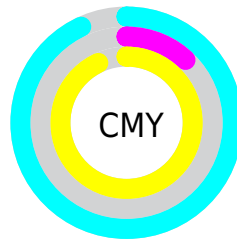
- Red (7%)
- Green (88%)
- Blue (7%)



- Red (7%)
- Yellow (88%)
- Blue (88%)



- Cyan (92%)
- Magenta (0%)
- Yellow (92%)
- Black (12%)



- Cyan (93%)
- Magenta (12%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13E013 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 13E013 by changing the saturation by 10% instead.



 13E013

 13E013

FFFFFF

 00C300

 72FF5B

 00A700

 94FF78

 008B00

 B4FF95

 007000

 D4FFB2

 005600

 F4FFD0

 003E00

 FFFFED

 002300

 000000

 13E013

 13E013

 00E000

 29E029

 40E040

 56E056

 6DE06D

 83E083

 99E099

 B0E0B0

 C6E0C6

 DDE0DD

# Harmonies

## Analogous

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



B7CD00



13E013



00E98F

# Triad

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



13E013



00DAFF



FF3F90

# Complementary

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



13E013



E013E0

# 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.



FF49F3



13E013



00BBFF

# Square

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



13E013



00E8FF



FF88FF



FF7A2E

# Rectangle

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



13E013



00EBD4



FF88FF



FF35B1

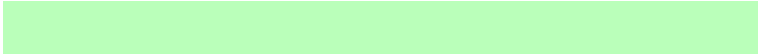


# Sweetspot

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



13E013



BAFFBA



E0E013



578057



000000



808080



# Same Dimension

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



13E013



00FF00



13E079



657065



00B000



003000



# Inverse Universe

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



E013E0



FF00FF



E01379



706570



B000B0

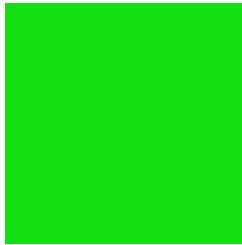


300030



# Previews

## White Background



This preview shows how the Hex color 13E013 looks on a white background.

## Color Contrast Check

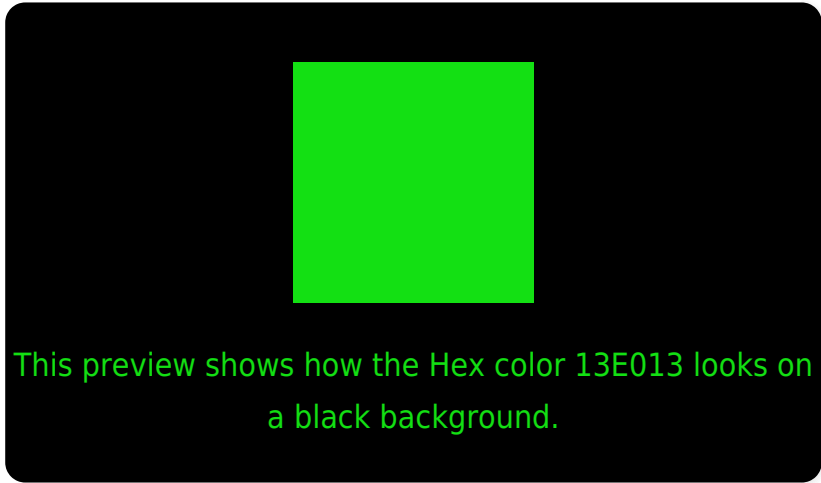
Large Text (above 18pt) WCAG AA × Fail

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 13E013 Background



This preview shows how black text looks on a background with the Hex color 13E013.

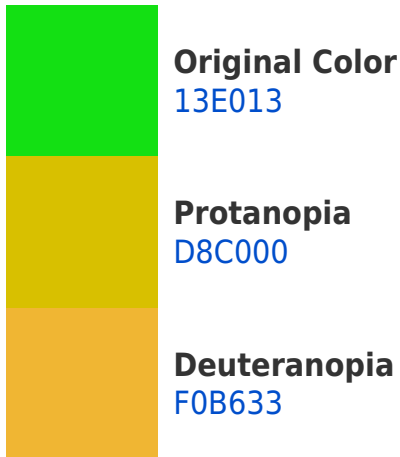


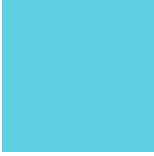
This preview shows how white text looks on a background with the Hex color 13E013.

# Color Blindness Simulation

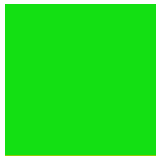
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
13E013



**Protanomaly**  
90CC07

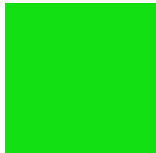


**Deuteranomaly**  
A0C527



**Tritanomaly**  
43D696

# Monochromacy



**Original Color**  
13E013



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
5FAA5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13E013 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 #13E013 looks like.

```
.text, #text, p{  
    color:#13E013  
}
```

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 #13E013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E013
}
```

## Border

The CSS property to change the border of an element to Hex 13E013 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".

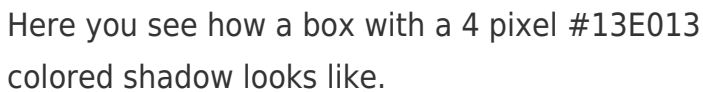
```
.border, #border, table{ border:4px solid
#13E013 }
```

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

```
.border{ border-color:#13E013 }
```

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

Here you see how a box with a 4 pixel #13E013 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E013; -webkit-box-shadow:4px 4px  
4px 4px #13E013; box-shadow:4px 4px 4px  
4px #13E013 }
```

# Background

The CSS property to change the background color of an element to Hex 13E013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E013 }
```

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

```
.background{ background-color:#13E013 }
```

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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