

# Converting Colors

Hex(30EF1E)

Have a look what the booklet for  
Hex(30EF1E) contains.

<b>Hex(30EF1E)</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(30EF1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30EF1E
RGB	48, 239, 30
RGB Percent	19%, 94%, 12%
CMY	0.8118, 0.0627, 0.8824
CMYK	0.80, 0.00, 0.87, 0.06
HSL	115°, 87%, 53%
HSV	115°, 87%, 94%
XYZ	32.3198, 62.4551, 11.5799
YIQ	158.0650, -46.7470, -105.4910

# Conversions

## Conversions Part 2

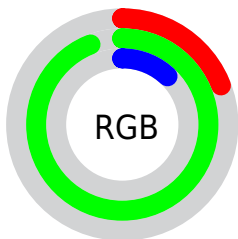
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 239, 221
Decimal	3206942
CIE Lab	83.15, -78.40, 76.20
CIE LCh	83, 109.330, 135.816
Yxy	62.4551, 0.3039, 0.5872
Android (android.graphics.Color)	4281397022 (0xFF30EF1E)
YUV	158.0650, -63.1360, -96.5270
Hunter-Lab	79.0286, -65.3000, 46.6323

# Details

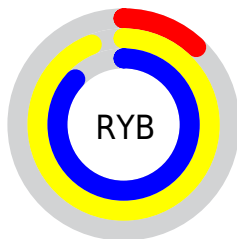
The Hex color **30EF1E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DD1EEF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **81FF63**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **1AEF06**, and if you desaturate by 10%, it is **46EF36**.

# Distribution



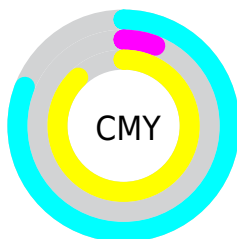
- Red (19%)
- Green (94%)
- Blue (12%)



- Red (12%)
- Yellow (94%)
- Blue (87%)



- Cyan (80%)
- Magenta (0%)
- Yellow (87%)
- Black (6%)



- Cyan (81%)
- Magenta (6%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30EF1E 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 30EF1E by changing the saturation by 10% instead.



 30EF1E

 30EF1E

FFFFFF

 00D200

 81FF63

 00B500

 A2FF80

 009900

 C2FF9D

 007E00

 E2FFBB

 006300

 FFFFD8

 004900

 FFFFF6

 003000

 001300

 000000

 30EF1E

 30EF1E

 1AEF06

 46EF36

 15EF00

 5CEF4E

 72EF66

 87EF7E

 9DEF95

 B3EFAD

 C9EFC5

 DFEFDD

 F5EFF5

# Harmonies

## Analogous

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



C7DB00



30EF1E



00F999

# Triad

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



30EF1E



00E9FF



FF4D9E

# Complementary

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



30EF1E



DD1EEF

# 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



30EF1E



00C9FF

# Square

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



30EF1E



00F8FF



FF96FF



FF8539

# Rectangle

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



30EF1E



00FBE1



FF96FF



FF45C0

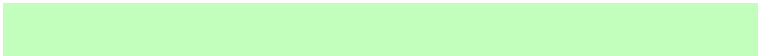


# Sweetspot

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



30EF1E



C2FFBD



EFDA1E



5B8058



000000



808080



# Same Dimension

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



30EF1E



16FF00



1EEF72



6D786C



10B800



053800



# Inverse Universe

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



DD1EEF



E900FF



EF1E9B



776C78



A800B8

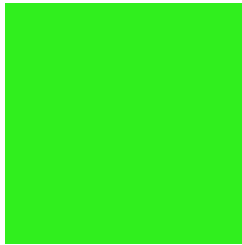


330038



# Previews

## White Background



This preview shows how the Hex color 30EF1E looks on a white background.

## Color Contrast Check

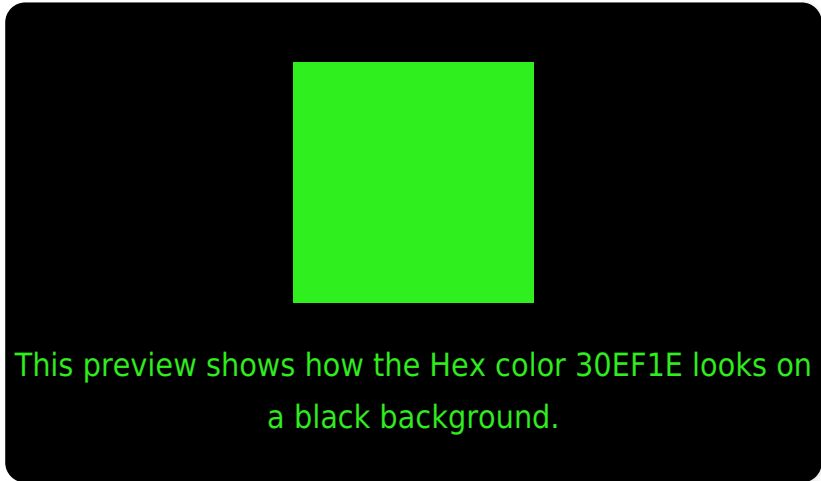
Large Text (above 18pt) WCAG AA × Fail

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 30EF1E Background



This preview shows how black text looks on a background with the Hex color 30EF1E.

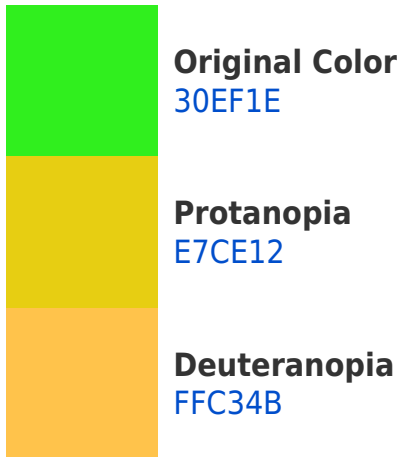


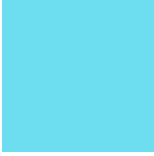
This preview shows how white text looks on a background with the Hex color 30EF1E.

# 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](#).

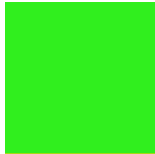
## Dichromacy





**Tritanopia**  
6DDEF0

# Trichromacy



**Original Color**

30EF1E



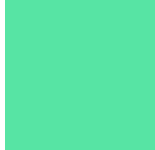
**Protanomaly**

A4DA16



**Deuteranomaly**

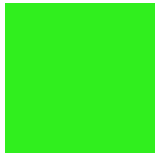
B4D33B



**Tritanomaly**

57E4A4

# Monochromacy



**Original Color**

30EF1E



**Achromatopsia**

9E9E9E



**Achromatomaly**

76BB6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30EF1E 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 #30EF1E looks like.

```
.text, #text, p{  
    color:#30EF1E  
}
```

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 #30EF1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30EF1E
}
```

## Border

The CSS property to change the border of an element to Hex 30EF1E 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
#30EF1E }
```

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

```
.border{ border-color:#30EF1E }
```

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

Here you see how a box with a 4 pixel #30EF1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30EF1E; -webkit-box-shadow:4px 4px  
4px 4px #30EF1E; box-shadow:4px 4px 4px  
4px #30EF1E }
```

# Background

The CSS property to change the background color of an element to Hex 30EF1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30EF1E }
```

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

```
.background{ background-color:#30EF1E }
```

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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