

Converting Colors

Hex(30EF1C)

Have a look what the booklet for
Hex(30EF1C) contains.

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Color

Hex(30EF1C)

Conversions

Conversions Part 1

Format	Color
Hex	30EF1C
RGB	48, 239, 28
RGB Percent	19%, 94%, 11%
CMY	0.8118, 0.0627, 0.8902
CMYK	0.80, 0.00, 0.88, 0.06
HSL	114°, 87%, 52%
HSV	114°, 88%, 94%
XYZ	32.2950, 62.4452, 11.4496
YIQ	157.8370, -46.1050, -106.1130

Conversions

Conversions Part 2

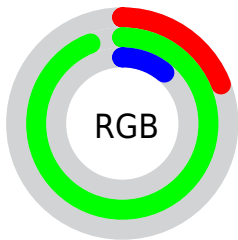
Format	Color
RYB	28, 239, 219
Decimal	3206940
CIELab	83.15, -78.47, 76.55
CIELCh	83, 109.621, 135.710
Yxy	62.4452, 0.3041, 0.5881
Android (android.graphics.Color)	4281397020 (0xFF30EF1C)
YUV	157.8370, -64.0096, -96.3270
Hunter-Lab	79.0223, -65.3392, 46.7250

Details

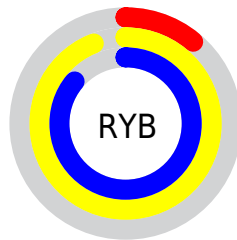
The Hex color **30EF1C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DB1CEF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **81FF62**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **1AEF04**, and if you desaturate by 10%, it is **46EF34**.

Distribution



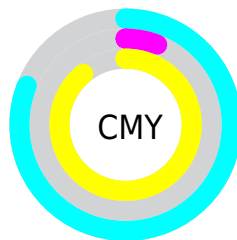
- Red (19%)
- Green (94%)
- Blue (11%)



- Red (11%)
- Yellow (94%)
- Blue (86%)



- Cyan (80%)
- Magenta (0%)
- Yellow (88%)
- Black (6%)



- Cyan (81%)
- Magenta (6%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30EF1C 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 30EF1C by changing the saturation by 10% instead.

 30EF1C

 30EF1C

FFFFFF

 00D200

 81FF62

 00B500

 A2FF7F

 009900

 C2FF9D

 007E00

 E2FFBA

 006300

 FFFFD7

 004900

 FFFFF5

 003000

 001300

 000000

 30EF1C

 30EF1C

 1AEF04

 46EF34

 17EF00

 5BEF4C

 71EF64

 87EF7C

 9CEF94

 B2EFAB

 C7EFC3

 DDEFDB

 F3EFF3

Harmonies

Analogous

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



C7DB00



30EF1C



00F998

Triad

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



30EF1C



00EAFF



FF4C9E

Complementary

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



30EF1C



DB1CEF

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.



FF57FF



30EF1C



00C9FF

Square

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



30EF1C



00F8FF



FF96FF



FF8539

Rectangle

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



30EF1C



00FBE1



FF96FF



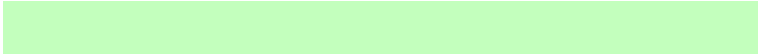
FF44C0

Sweetspot

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



30EF1C



C3FFBD



EFDA1C



5C8058



000000



808080

Same Dimension

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



30EF1C



18FF00



1CEF70



6D786C



11B800



053800

Inverse Universe

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



DB1CEF



E700FF



EF1C9B



776C78



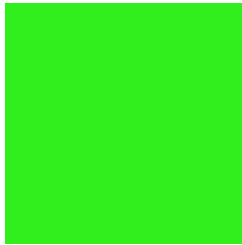
A600B8



330038

Previews

White Background



This preview shows how the Hex color 30EF1C looks on a white background.

Color Contrast Check

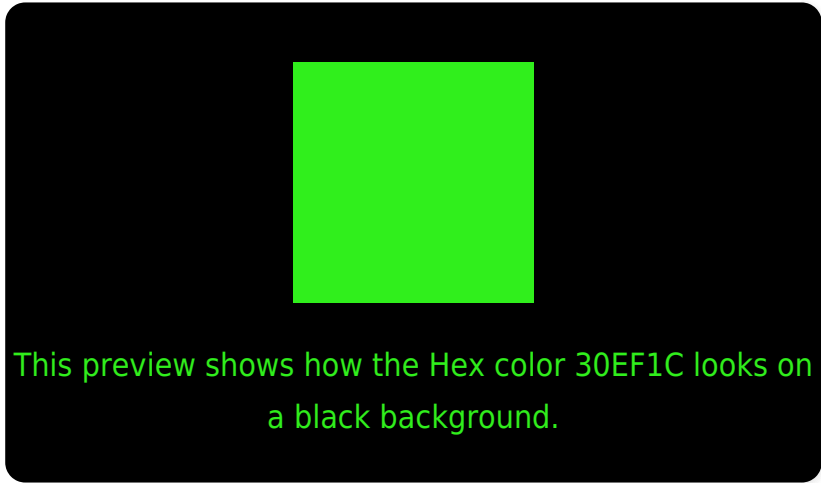
Large Text (above 18pt) WCAG AA × Fail

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

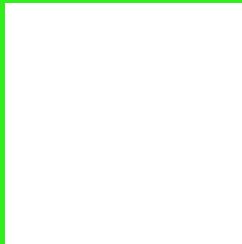
Any Text WCAG AAA ✓ Pass

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

Hex 30EF1C Background



This preview shows how black text looks on a background with the Hex color 30EF1C.

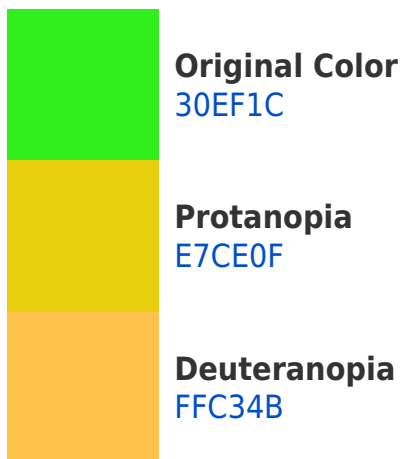


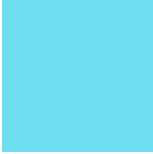
This preview shows how white text looks on a background with the Hex color 30EF1C.

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](#).

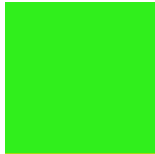
Dichromacy





Tritanopia
6DDEF0

Trichromacy



Original Color
30EF1C



Protanomaly
A4DA14

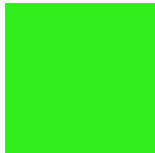


Deuteranomaly
B4D33A

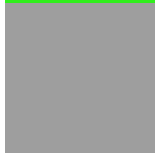


Tritanomaly
57E4A3

Monochromacy



Original Color
30EF1C



Achromatopsia
9E9E9E



Achromatomaly
76BB6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 30EF1C 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 #30EF1C looks like.

```
.text, #text, p{  
    color:#30EF1C  
}
```

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 #30EF1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30EF1C
}
```

Border

The CSS property to change the border of an element to Hex 30EF1C 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
#30EF1C }
```

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

```
.border{ border-color:#30EF1C }
```

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

Here you see how a box with a 4 pixel #30EF1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30EF1C; -webkit-box-shadow:4px 4px  
4px 4px #30EF1C; box-shadow:4px 4px 4px  
4px #30EF1C }
```

Background

The CSS property to change the background color of an element to Hex 30EF1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30EF1C }
```

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

```
.background{ background-color:#30EF1C }
```

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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