

Converting Colors

Hex(34DF1C)

Have a look what the booklet for
Hex(34DF1C) contains.

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Color

Hex(34DF1C)

Conversions

Conversions Part 1

Format	Color
Hex	34DF1C
RGB	52, 223, 28
RGB Percent	20%, 87%, 11%
CMY	0.7961, 0.1255, 0.8902
CMYK	0.77, 0.00, 0.87, 0.13
HSL	113°, 78%, 49%
HSV	113°, 87%, 87%
XYZ	28.0135, 53.5893, 9.9659
YIQ	149.6410, -39.3210, -96.8970

Conversions

Conversions Part 2

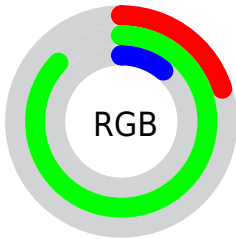
Format	Color
RYB	28, 223, 199
Decimal	3464988
CIELab	78.22, -73.38, 72.32
CIELCh	78, 103.028, 135.418
Yxy	53.5893, 0.3059, 0.5852
Android (android.graphics.Color)	4281655068 (0xFF34DF1C)
YUV	149.6410, -59.9690, -85.6312
Hunter-Lab	73.2047, -59.8011, 43.1717

Details

The Hex color **34DF1C** 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 **C71CDF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7FFF5F**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **20DF06**, and if you desaturate by 10%, it is **48DF32**.

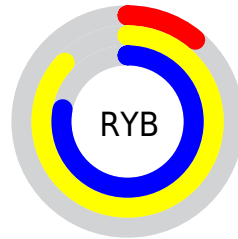
Distribution



Red (20%)

Green (87%)

Blue (11%)



Red (11%)

Yellow (87%)

Blue (78%)

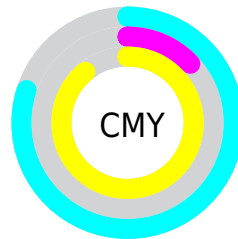


Cyan (77%)

Magenta (0%)

Yellow (87%)

Black (13%)



Cyan (80%)

Magenta (13%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34DF1C 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 34DF1C by changing the saturation by 10% instead.

 34DF1C

 34DF1C

FFFFFF

 00C200

 7FFF5F

 00A600

 A0FF7C

 008B00

 BFFF99

 007000

 DFFFB6

 005600

 FEFFD3

 003D00

 FFFFF1

 002300

 000000

 34DF1C

 34DF1C

 20DF06

 48DF32

 1BDF00

 5BDF49

 6FDF5F

 82DF75

 96DF8C

 A9DFA2

 BDDFB8

 D0DFCE

 E4DFE5

Harmonies

Analogous

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



BBCC00



34DF1C



00E88E

Triad

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



34DF1C



00DAFF



FF4A95

Complementary

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



34DF1C



C71CDF

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.



FF54F4



34DF1C



00BDFE

Square

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



34DF1C



00E8FF



FF8DFF



FF7C37

Rectangle

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



34DF1C



00EBD1



FF8DFF



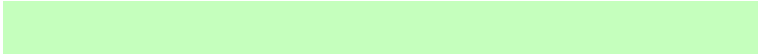
FF43B4

Sweetspot

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



34DF1C



C5FFBD



DFC51C



5D8058



000000



808080

Same Dimension

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



34DF1C



1FFF00



1CDF64



667065



16B000



063000

Inverse Universe

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



C71CDF



E000FF



DF1C97



6F6570



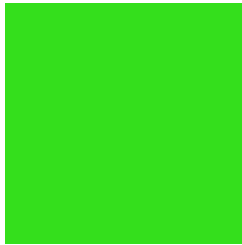
9A00B0



2A0030

Previews

White Background



This preview shows how the Hex color 34DF1C 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 34DF1C 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 34DF1C Background



This preview shows how black text looks on a background with the Hex color 34DF1C.

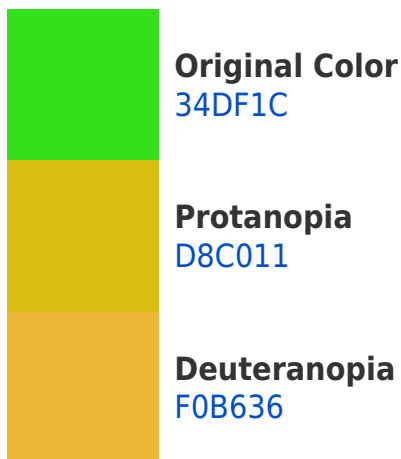


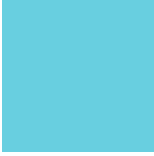
This preview shows how white text looks on a background with the Hex color 34DF1C.

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](#).

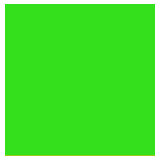
Dichromacy





Tritanopia
68CFE0

Trichromacy



Original Color
34DF1C



Protanomaly
9CCB15



Deuteranomaly
ACC52D



Tritanomaly
55D599

Monochromacy



Original Color
34DF1C



Achromatopsia
969696



Achromatomaly
72B16A

CSS Examples

Text

The CSS property to change the color of the text to Hex 34DF1C 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 #34DF1C looks like.

```
.text, #text, p{  
    color:#34DF1C  
}
```

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 #34DF1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34DF1C
}
```

Border

The CSS property to change the border of an element to Hex 34DF1C 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
#34DF1C }
```

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

```
.border{ border-color:#34DF1C }
```

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

Here you see how a box with a 4 pixel #34DF1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34DF1C; -webkit-box-shadow:4px 4px  
4px 4px #34DF1C; box-shadow:4px 4px 4px  
4px #34DF1C }
```

Background

The CSS property to change the background color of an element to Hex 34DF1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34DF1C }
```

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

```
.background{ background-color:#34DF1C }
```

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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