

Converting Colors

Hex(1CF003)

Have a look what the booklet for
Hex(1CF003) contains.

Hex(1CF003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1CF003)

Conversions

Conversions Part 1

Format	Color
Hex	1CF003
RGB	28, 240, 3
RGB Percent	11%, 94%, 1%
CMY	0.8902, 0.0588, 0.9882
CMYK	0.88, 0.00, 0.99, 0.06
HSL	114°, 98%, 48%
HSV	114°, 99%, 94%
XYZ	31.6554, 62.5736, 10.4957
YIQ	149.5940, -50.2750, -118.6510

Conversions

Conversions Part 2

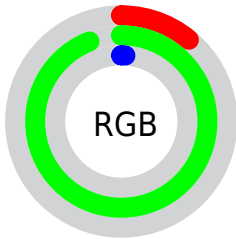
Format	Color
RYB	3, 240, 215
Decimal	1896451
CIELab	83.22, -81.08, 79.36
CIELCh	83, 113.456, 135.613
Yxy	62.5736, 0.3023, 0.5975
Android (android.graphics.Color)	4280086531 (0xFF1CF003)
YUV	149.5940, -72.2708, -106.6379
Hunter-Lab	79.1035, -66.9995, 47.5057

Details

The Hex color **1CF003** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **D703F0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **79FF5A**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **19F000**, and if you desaturate by 10%, it is **31F01B**.

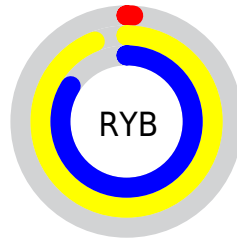
Distribution



Red (11%)

Green (94%)

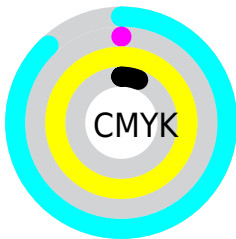
Blue (1%)



Red (1%)

Yellow (94%)

Blue (84%)

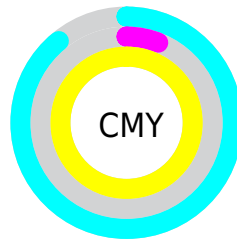


Cyan (88%)

Magenta (0%)

Yellow (99%)

Black (6%)



Cyan (89%)

Magenta (6%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CF003 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 1CF003 by changing the saturation by 10% instead.

 1CF003

 1CF003

FFFFFF

 00D300

 79FF5A

 00B600

 9CFF78

 009A00

 BDFF96

 007F00

 DDFFB3

 006400

 FDFFD1

 004A00

 FFFFEF

 003000

 001300

 000000

 1CF003

 1CF003

 19F000

 31F01B

 47F033

 5CF04B

 72F063

 87F07B

 9DF093

 B2F0AB

 C8F0C3

 DDF0DB

Harmonies

Analogous

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



C6DC00



1CF003



00FA96

Triad

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



1CF003



00EBFF



FF3F9D

Complementary

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



1CF003



D703F0

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.



FF4DFF



1CF003



00CAFF

Square

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



1CF003



00FAFF



FF93FF



FF8032

Rectangle

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



1CF003



00FDE1



FF93FF



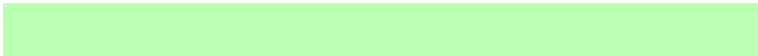
FF33C0

Sweetspot

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



1CF003



BBFFB3



F0D403



568052



000000



808080

Same Dimension

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



1CF003



1BFF00



03F05E



6D786C



13B800



063800

Inverse Universe

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



D703F0



E400FF



F00395



776C78



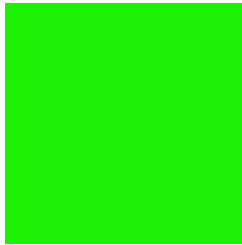
A400B8



320038

Previews

White Background



This preview shows how the Hex color 1CF003 looks on a white background.

Color Contrast Check

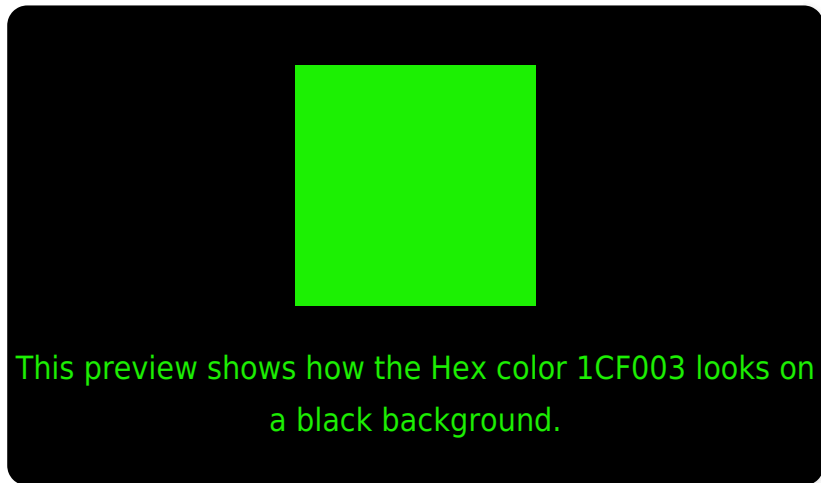
Large Text (above 18pt) WCAG AA × Fail

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 1CF003 Background



This preview shows how black text looks on a background with the Hex color 1CF003.



This preview shows how white text looks on a background with the Hex color 1CF003.

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](#).

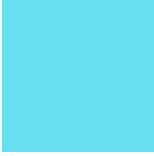
Dichromacy



Original Color
1CF003

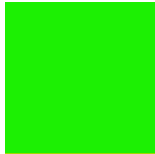
Protanopia
E8CE00

Deuteranopia
FFC34B



Tritanopia
67DFF1

Trichromacy



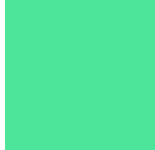
Original Color
1CF003



Protanomaly
9EDA01

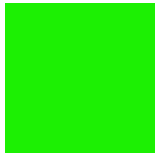


Deuteranomaly
ACD331



Tritanomaly
4CE59A

Monochromacy



Original Color
1CF003



Achromatopsia
969696



Achromatomaly
6AB761

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CF003 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 #1CF003 looks like.

```
.text, #text, p{  
    color:#1CF003  
}
```

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 #1CF003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CF003
}
```

Border

The CSS property to change the border of an element to Hex 1CF003 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
#1CF003 }
```

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

```
.border{ border-color:#1CF003 }
```

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

Here you see how a box with a 4 pixel #1CF003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CF003; -webkit-box-shadow:4px 4px  
4px 4px #1CF003; box-shadow:4px 4px 4px  
4px #1CF003 }
```

Background

The CSS property to change the background color of an element to Hex 1CF003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CF003 }
```

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

```
.background{ background-color:#1CF003 }
```

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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