

Converting Colors

Hex(1CF2A3)

Have a look what the booklet for
Hex(1CF2A3) contains.

Hex(1CF2A3)	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(1CF2A3)

Conversions

Conversions Part 1

Format	Color
Hex	1CF2A3
RGB	28, 242, 163
RGB Percent	11%, 95%, 64%
CMY	0.8902, 0.0510, 0.3608
CMYK	0.88, 0.00, 0.33, 0.05
HSL	158°, 89%, 53%
HSV	158°, 88%, 95%
XYZ	38.8419, 66.3955, 45.4188
YIQ	169.0080, -102.1850, -69.9370

Conversions

Conversions Part 2

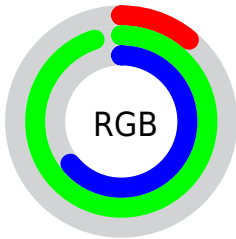
Format	Color
R_{YB}	28, 159, 242
Decimal	1897123
CIE _{Lab}	85.20, -65.15, 25.04
CIE _{LCh}	85, 69.801, 158.975
Yxy	66.3955, 0.2578, 0.4407
Android (android.graphics.Color)	4280087203 (0xFF1CF2A3)
YUV	169.0080, -2.9619, -123.6640
Hunter-Lab	81.4834, -57.5078, 23.9902

Details

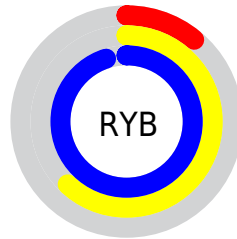
The Hex color **1CF2A3** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F21C6B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **76FFDA**, and **00B86F** is the 20% darker color. If you saturate the color by 10%, you get **04F29A**, and if you desaturate by 10%, it is **34F2AC**.

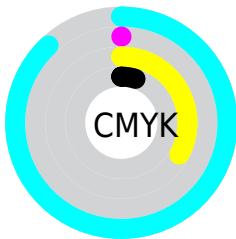
Distribution



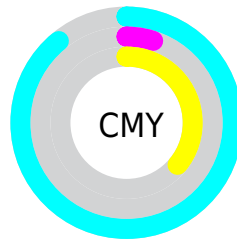
- Red (11%)
- Green (95%)
- Blue (64%)



- Red (11%)
- Yellow (62%)
- Blue (95%)



- Cyan (88%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (89%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CF2A3 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 1CF2A3 by changing the saturation by 10% instead.

 1CF2A3

 1CF2A3

FFFFFF

 00D588

 76FFDA

 00B86F

 97FFF7

 009D56

 B7FFF7

 00813E

 D7FFF7

 006727

 F7FFF7

 004D11

 003600

 001B00

 000000

 1CF2A3

 1CF2A3

 04F29A

 34F2AC

 00F299

 4CF2B5

 65F2BE

 7DF2C7

 95F2D0

 ADF2D9

 C5F2E2

 DEF2EA

 F6F2F3

Harmonies

Analogous

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



9FE869



1CF2A3



00F5E7

Triad

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



1CF2A3



7CD5FF



FFA785

Complementary

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



1CF2A3



F21C6B

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.



FF99C4



1CF2A3



F3BBFF

Square

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



1CF2A3



00E9FF



FFA2FF



FFC056

Rectangle

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



1CF2A3



00F4FF



FFA2FF



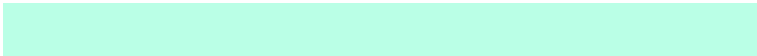
FFA199

Sweetspot

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



1CF2A3



BAFFE6



6EF21C



578070



000000



808080

Same Dimension

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



1CF2A3



00FFA1



1CD9F2



6C7873



00B874



003823

Inverse Universe

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



F21C6B



FF005E



F2351C



786C70



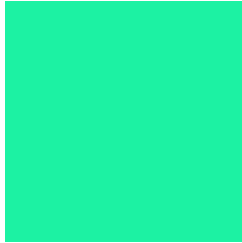
B80044



380015

Previews

White Background



This preview shows how the Hex color 1CF2A3 looks on a white background.

Color Contrast Check

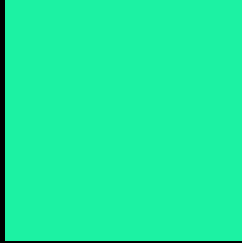
Large Text (above 18pt) WCAG AA × Fail

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 1CF2A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

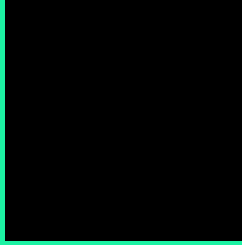
Any Text WCAG AA ✓ Pass

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 1CF2A3 Background



This preview shows how black text looks on a background with the Hex color 1CF2A3.

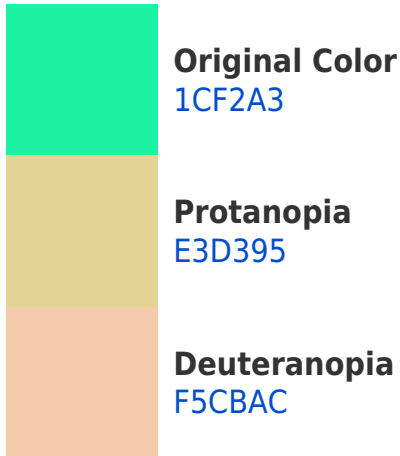


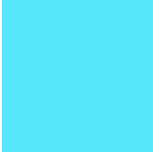
This preview shows how white text looks on a background with the Hex color 1CF2A3.

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
57E7FA

Trichromacy



Original Color
1CF2A3



Protanomaly
9BDE9A



Deuteranomaly
A6D9A9

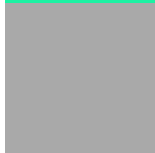


Tritanomaly
42EBDA

Monochromacy



Original Color
1CF2A3



Achromatopsia
A9A9A9



Achromatomaly
76C4A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CF2A3 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 #1CF2A3 looks like.

```
.text, #text, p{  
    color:#1CF2A3  
}
```

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 #1CF2A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CF2A3
}
```

Border

The CSS property to change the border of an element to Hex 1CF2A3 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
#1CF2A3 }
```

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

```
.border{ border-color:#1CF2A3 }
```

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

Here you see how a box with a 4 pixel #1CF2A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CF2A3; -webkit-box-shadow:4px 4px  
4px 4px #1CF2A3; box-shadow:4px 4px 4px  
4px #1CF2A3 }
```

Background

The CSS property to change the background color of an element to Hex 1CF2A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CF2A3 }
```

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

```
.background{ background-color:#1CF2A3 }
```

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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