

Converting Colors

Hex(13F0CF)

Have a look what the booklet for
Hex(13F0CF) contains.

Hex(13F0CF)	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(13F0CF)

Conversions

Conversions Part 1

Format	Color
Hex	13F0CF
RGB	19, 240, 207
RGB Percent	7%, 94%, 81%
CMY	0.9255, 0.0588, 0.1882
CMYK	0.92, 0.00, 0.14, 0.06
HSL	171°, 88%, 51%
HSV	171°, 92%, 94%
XYZ	42.6911, 66.9636, 69.7067
YIQ	170.1590, -121.1230, -57.1150

Conversions

Conversions Part 2

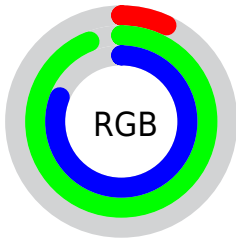
Format	Color
R _Y B	19, 138, 240
Decimal	1306831
CIE Lab	85.49, -54.52, 2.60
CIE LCh	85, 54.584, 177.267
Yxy	66.9636, 0.2380, 0.3733
Android (android.graphics.Color)	4279496911 (0xFF13F0CF)
YUV	170.1590, 18.1626, -132.5664
Hunter-Lab	81.8313, -50.0819, 6.7767

Details

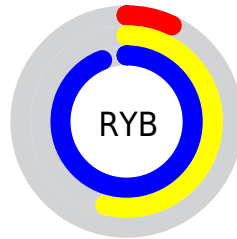
The Hex color **13F0CF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F01334**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **75FFFF**, and **00B799** is the 20% darker color. If you saturate the color by 10%, you get **00F0CC**, and if you desaturate by 10%, it is **2BF0D3**.

Distribution



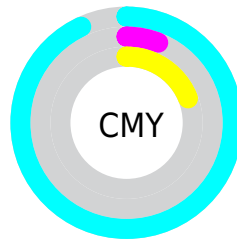
- Red (7%)
- Green (94%)
- Blue (81%)



- Red (7%)
- Yellow (54%)
- Blue (94%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (93%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13F0CF 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 13F0CF by changing the saturation by 10% instead.

 13F0CF

FFFFFF

 75FFFF

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 13F0CF

 00D3B4

 00B799

 009B7F

 008066

 00664E

 004D37

 003522

 001C0C

 000000

■ 13F0CF

■ 13F0CF

■ 00F0CC

■ 2BF0D3

■ 43F0D6

■ 5BF0DA

■ 73F0DD

■ 8BF0E1

■ A3F0E5

■ BBF0E8

■ D3F0EC

■ EBF0EF

Harmonies

Analogous

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



87EB9C



13F0CF



00F0FF

Triad

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



13F0CF



D3CAFF



FFBF80

Complementary

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



13F0CF



F01334

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.



FFAFA9



13F0CF



FFB7FF

Square

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



13F0CF



75DCFF



FFACDD



F9D16C

Rectangle

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



13F0CF



00ECFF



FFACDD



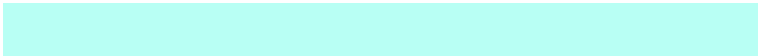
FFB98C

Sweetspot

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



13F0CF



B8FFF4



34F013



548079



000000



808080

Same Dimension

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



13F0CF



00FFD9



13A3F0



6C7876



00B89C



003830

Inverse Universe

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



F01334



FF0026



F06013



786C6E



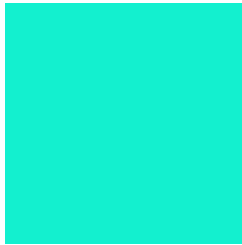
B8001B



380008

Previews

White Background



This preview shows how the Hex color 13F0CF looks on a white background.

Color Contrast Check

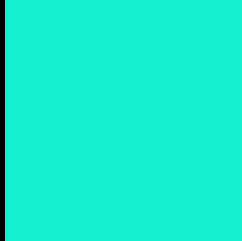
Large Text (above 18pt) WCAG AA × Fail

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 13F0CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

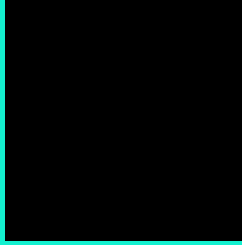
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

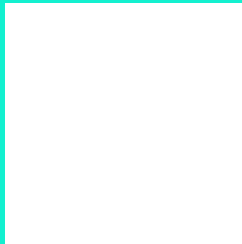
Any Text WCAG AAA ✓ Pass

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

Hex 13F0CF Background



This preview shows how black text looks on a background with the Hex color 13F0CF.

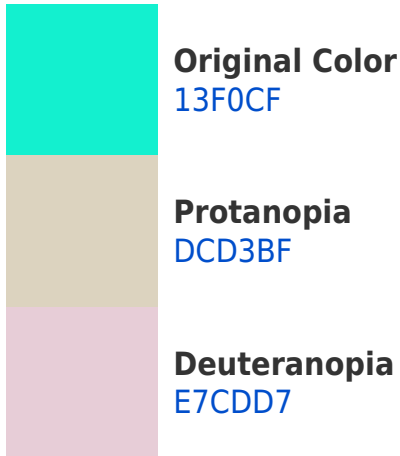


This preview shows how white text looks on a background with the Hex color 13F0CF.

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



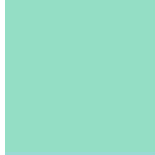


Tritanopia
44EAFD

Trichromacy



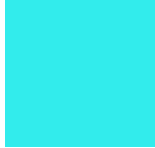
Original Color
13F0CF



Protanomaly
93DEC5



Deuteranomaly
9ADAD4

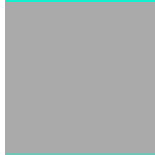


Tritanomaly
32ECEC

Monochromacy



Original Color
13F0CF



Achromatopsia
AAAAAA



Achromatomaly
73C3B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 13F0CF 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 #13F0CF looks like.

```
.text, #text, p{  
    color:#13F0CF  
}
```

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 #13F0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13F0CF
}
```

Border

The CSS property to change the border of an element to Hex 13F0CF 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
#13F0CF }
```

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

```
.border{ border-color:#13F0CF }
```

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

Here you see how a box with a 4 pixel #13F0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13F0CF; -webkit-box-shadow:4px 4px  
4px 4px #13F0CF; box-shadow:4px 4px 4px  
4px #13F0CF }
```

Background

The CSS property to change the background color of an element to Hex 13F0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13F0CF }
```

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

```
.background{ background-color:#13F0CF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor