

Converting Colors

Hex(13C7FC)

Have a look what the booklet for
Hex(13C7FC) contains.

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Color

Hex(13C7FC)

Conversions

Conversions Part 1

Format	Color
Hex	13C7FC
RGB	19, 199, 252
RGB Percent	7%, 78%, 99%
CMY	0.9255, 0.2196, 0.0118
CMYK	0.92, 0.21, 0.00, 0.01
HSL	194°, 97%, 53%
HSV	194°, 92%, 99%
XYZ	38.2627, 48.0136, 99.3464
YIQ	151.2220, -124.2930, -21.6770

Conversions

Conversions Part 2

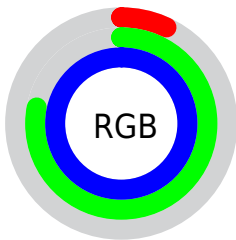
Format	Color
R _Y B	19, 121, 252
Decimal	1296380
CIE Lab	74.83, -22.33, -37.37
CIE LCh	75, 43.537, 239.136
Yxy	48.0136, 0.2061, 0.2587
Android (android.graphics.Color)	4279486460 (0xFF13C7FC)
YUV	151.2220, 49.6836, -115.9587
Hunter-Lab	69.2918, -22.6937, -36.5021

Details

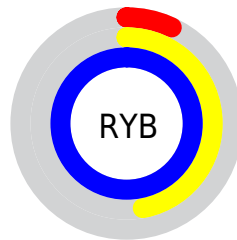
The Hex color **13C7FC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC4813**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **75FFFF**, and **0091C3** is the 20% darker color. If you saturate the color by 10%, you get **00C3FC**, and if you desaturate by 10%, it is **2CCDFC**.

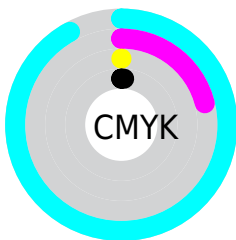
Distribution



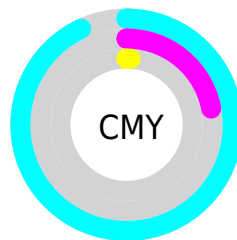
- Red (7%)
- Green (78%)
- Blue (99%)



- Red (7%)
- Yellow (47%)
- Blue (99%)



- Cyan (92%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (93%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C7FC 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 13C7FC by changing the saturation by 10% instead.

 13C7FC

 13C7FC

FFFFFF

 00ACDF

 75FFFF

 0091C3

 97FFFF

 0077A8

 B7FFFF

 005E8D

 D7FFFF

 004773

 F7FFFF

 00305B

 001D43

 00032C

 000117

■ 13C7FC

■ 13C7FC

■ 00C3FC

■ 2CCDFC

■ 45D2FC

■ 5FD8FC

■ 78DEFC

■ 91E4FC

■ AAE9FC

■ C3EFFC

■ DDF5FC

■ F6FBFC

Harmonies

Analogous

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



00CCDE



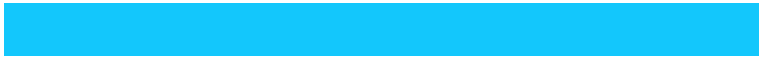
13C7FC



78BDFE

Triad

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



13C7FC



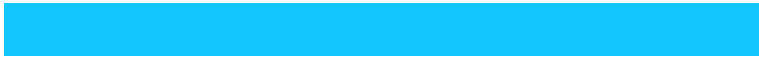
FF98BB



AAC170

Complementary

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



13C7FC



FC4813

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.



D3B567



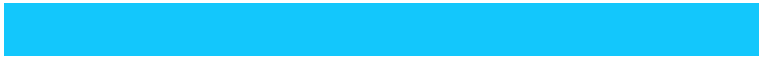
13C7FC



FF9C93

Square

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



13C7FC



E9A0E2



F3A774



79C98E

Rectangle

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



13C7FC



A6B3FF



F3A774



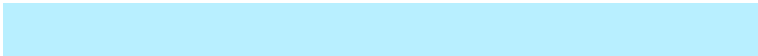
B8BE6B

Sweetspot

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



13C7FC



B8EFFF



13FC45



547680



000000



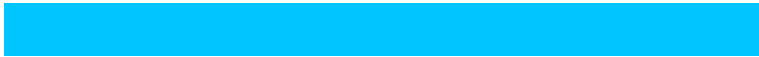
808080

Same Dimension

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



13C7FC



00C5FF



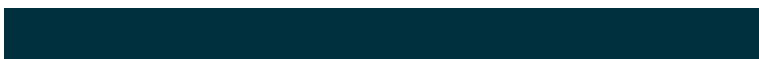
1355FC



707A7D



0092BD



002F3D

Inverse Universe

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



FC13C7



FF00C5



FCBA13



7D707A



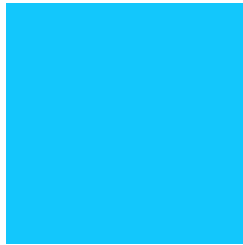
BD0092



3D002F

Previews

White Background



This preview shows how the Hex color 13C7FC looks on a white background.

Color Contrast Check

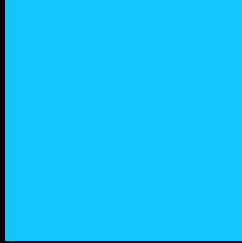
Large Text (above 18pt) WCAG AA × Fail

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 13C7FC 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 13C7FC Background



This preview shows how black text looks on a background with the Hex color 13C7FC.

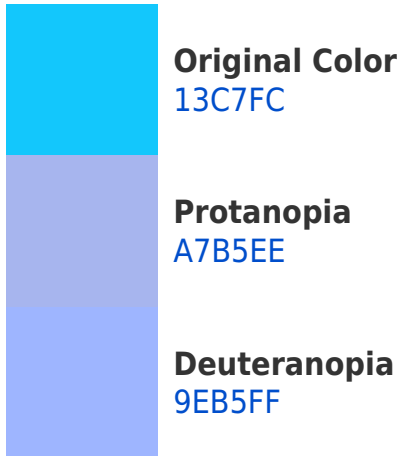


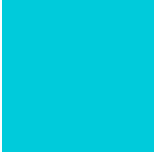
This preview shows how white text looks on a background with the Hex color 13C7FC.

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
00CBDB

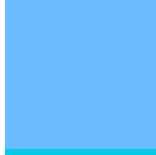
Trichromacy



Original Color
13C7FC



Protanomaly
71BCF3

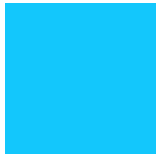


Deuteranomaly
6BBCFE



Tritanomaly
07CAE7

Monochromacy



Original Color
13C7FC



Achromatopsia
979797



Achromatomaly
67A8BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C7FC 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 #13C7FC looks like.

```
.text, #text, p{  
    color:#13C7FC  
}
```

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 #13C7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C7FC
}
```

Border

The CSS property to change the border of an element to Hex 13C7FC 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
#13C7FC }
```

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

```
.border{ border-color:#13C7FC }
```

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

Here you see how a box with a 4 pixel #13C7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C7FC; -webkit-box-shadow:4px 4px  
4px 4px #13C7FC; box-shadow:4px 4px 4px  
4px #13C7FC }
```

Background

The CSS property to change the background color of an element to Hex 13C7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C7FC }
```

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

```
.background{ background-color:#13C7FC }
```

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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