

Converting Colors

Hex(13C7FF)

Have a look what the booklet for
Hex(13C7FF) contains.

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Color

Hex(13C7FF)

Conversions

Conversions Part 1

Format	Color
Hex	13C7FF
RGB	19, 199, 255
RGB Percent	7%, 78%, 100%
CMY	0.9255, 0.2196, 0.0000
CMYK	0.93, 0.22, 0.00, 0.00
HSL	194°, 100%, 54%
HSV	194°, 93%, 100%
XYZ	38.7420, 48.2053, 101.8704
YIQ	151.5640, -125.2560, -20.7440

Conversions

Conversions Part 2

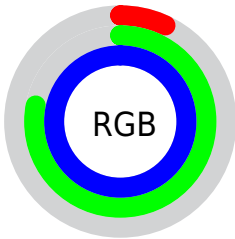
Format	Color
R _Y B	19, 121, 255
Decimal	1296383
CIE Lab	74.95, -21.32, -38.79
CIE LCh	75, 44.265, 241.208
Yxy	48.2053, 0.2052, 0.2553
Android (android.graphics.Color)	4279486463 (0xFF13C7FF)
YUV	151.5640, 50.9939, -116.2586
Hunter-Lab	69.4300, -21.8995, -38.3915

Details

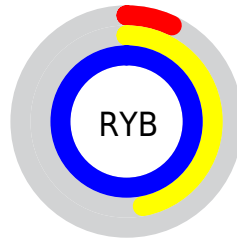
The Hex color **13C7FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4B13**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **75FFFF**, and **0091C6** is the 20% darker color. If you saturate the color by 10%, you get **00C2FF**, and if you desaturate by 10%, it is **2DCDFF**.

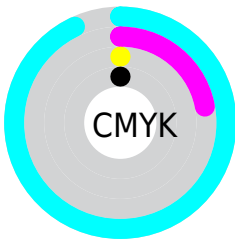
Distribution



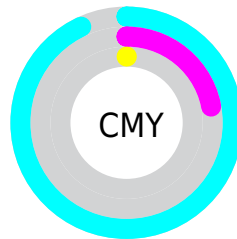
- Red (7%)
- Green (78%)
- Blue (100%)



- Red (7%)
- Yellow (47%)
- Blue (100%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C7FF 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 13C7FF by changing the saturation by 10% instead.

 13C7FF

FFFFFF

 75FFFF

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 13C7FF

 00ACE2

 0091C6

 0077AB

 005E90

 004776

 00305D

 001E45

 00042E

 000119

 13C7FF

 13C7FF

 00C2FF

 2DCDFE

 46D3FF

 60D9FF

 79DFFF

 93E5FF

 ACEBFF

 C6F1FF

 DFF7FF

 F9FDFF

Harmonies

Analogous

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



00CDE1



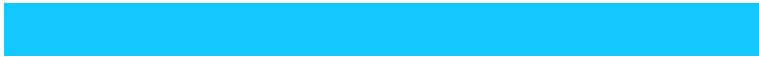
13C7FF



7CBCFF

Triad

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



13C7FF



FF98B8



A7C371

Complementary

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



13C7FF



FF4B13

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.



D1B766



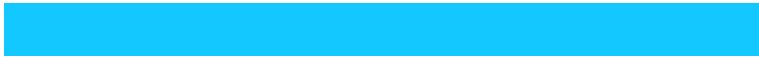
13C7FF



FF9C90

Square

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



13C7FF



ED9FE0



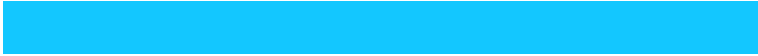
F2A872



75CA90

Rectangle

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



13C7FF



ABB2FF



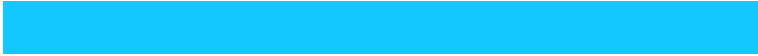
F2A872



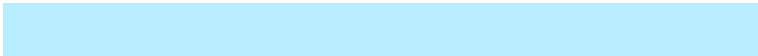
B5BF6B

Sweetspot

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



13C7FF



B8EEFF



13FF4A



547580



000000



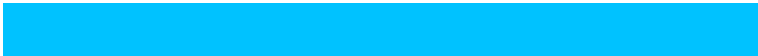
808080

Same Dimension

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



13C7FF



00C2FF



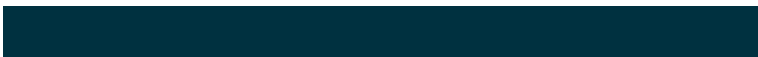
1352FF



737C80



0092BF



003140

Inverse Universe

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



FF13C7



FF00C2



FFC013



80737C



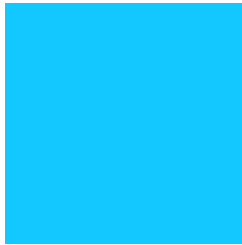
BF0092



400031

Previews

White Background



This preview shows how the Hex color 13C7FF looks on a white background.

Color Contrast Check

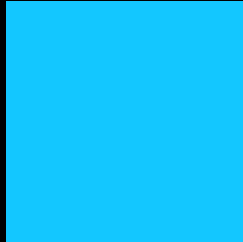
Large Text (above 18pt) WCAG AA × Fail

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 13C7FF 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 13C7FF Background



This preview shows how black text looks on a background with the Hex color 13C7FF.

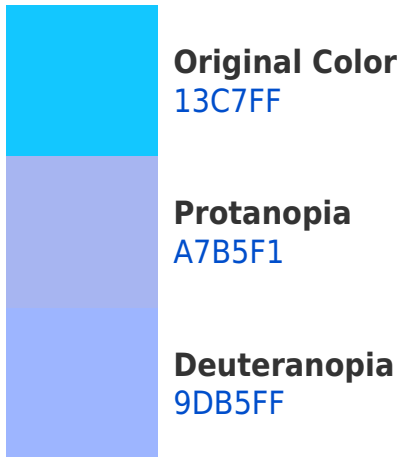


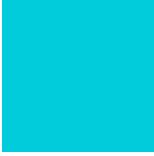
This preview shows how white text looks on a background with the Hex color 13C7FF.

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
00CCDB

Trichromacy



Original Color
13C7FF



Protanomaly
71BCF6



Deuteranomaly
6BBCFF



Tritanomaly
07CAE8

Monochromacy



Original Color
13C7FF



Achromatopsia
989898



Achromatomaly
68A9BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C7FF 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 #13C7FF looks like.

```
.text, #text, p{  
    color:#13C7FF  
}
```

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 #13C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C7FF
}
```

Border

The CSS property to change the border of an element to Hex 13C7FF 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
#13C7FF }
```

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

```
.border{ border-color:#13C7FF }
```

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

Here you see how a box with a 4 pixel #13C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C7FF; -webkit-box-shadow:4px 4px  
4px 4px #13C7FF; box-shadow:4px 4px 4px  
4px #13C7FF }
```

Background

The CSS property to change the background color of an element to Hex 13C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C7FF }
```

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

```
.background{ background-color:#13C7FF }
```

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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