

Converting Colors

Hex(15C5FF)

Have a look what the booklet for
Hex(15C5FF) contains.

Hex(15C5FF)	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(15C5FF)

Conversions

Conversions Part 1

Format	Color
Hex	15C5FF
RGB	21, 197, 255
RGB Percent	8%, 77%, 100%
CMY	0.9176, 0.2275, 0.0000
CMYK	0.92, 0.23, 0.00, 0.00
HSL	195°, 100%, 54%
HSV	195°, 92%, 100%
XYZ	38.3255, 47.3119, 101.7199
YIQ	150.9880, -123.5140, -19.2740

Conversions

Conversions Part 2

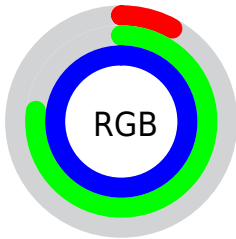
Format	Color
R _Y B	21, 121, 255
Decimal	1426943
CIE Lab	74.39, -20.22, -39.67
CIE LCh	74, 44.525, 242.997
Yxy	47.3119, 0.2046, 0.2525
Android (android.graphics.Color)	4279617023 (0xFF15C5FF)
YUV	150.9880, 51.2779, -113.9995
Hunter-Lab	68.7837, -20.9132, -39.5317

Details

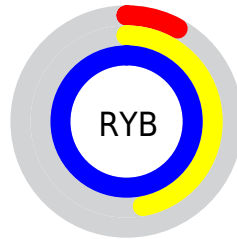
The Hex color **15C5FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4F15**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **76FEFF**, and **008FC6** is the 20% darker color. If you saturate the color by 10%, you get **00C0FF**, and if you desaturate by 10%, it is **2FCBFF**.

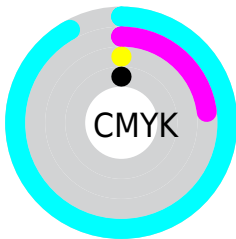
Distribution



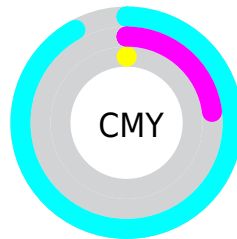
- Red (8%)
- Green (77%)
- Blue (100%)



- Red (8%)
- Yellow (47%)
- Blue (100%)



- Cyan (92%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C5FF 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 15C5FF by changing the saturation by 10% instead.

 15C5FF

 15C5FF

FFFFFF

 00AAE2

 76FEFF

 008FC6

 98FFFF

 0075AB

 B8FFFF

 005D90

 D8FFFF

 004576

 F8FFFF

 002F5D

 001C45

 00042E

 000119

 15C5FF

 15C5FF

 00C0FF

 2FCBFF

 48D2FF

 62D8FF

 7BDEFF

 94E5FF

 AEEBFF

 C8F1FF

 E1F8FF

 FBF EFF

Harmonies

Analogous

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



00CBE2



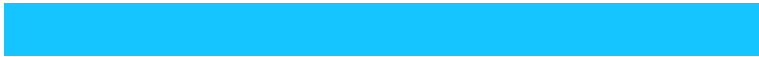
15C5FF



7FBAFF

Triad

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



15C5FF



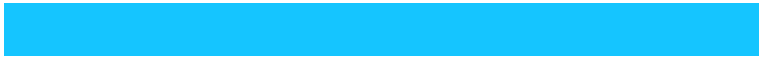
FF96B4



A2C270

Complementary

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



15C5FF



FF4F15

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.



CDB664



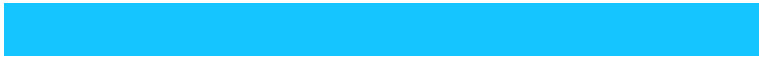
15C5FF



FF9B8C

Square

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



15C5FF



EE9DDD



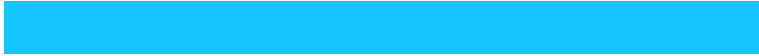
EFA86F



6FC990

Rectangle

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



15C5FF



ADB0FF



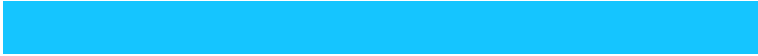
EFA86F



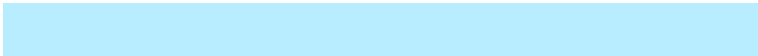
B1BE6A

Sweetspot

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



15C5FF



B8EDFF



15FF4C



547580



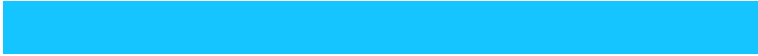
000000



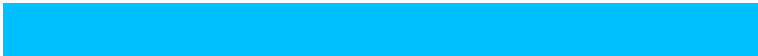
808080

Same Dimension

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



15C5FF



00C0FF



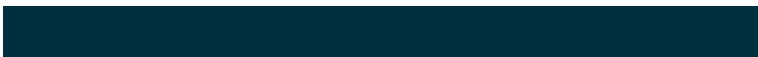
1553FF



737C80



0090BF



003040

Inverse Universe

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



FF15C5



FF00C0



FFC115



80737C



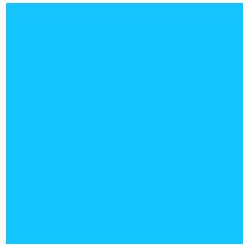
BF0090



400030

Previews

White Background



This preview shows how the Hex color 15C5FF looks on a white background.

Color Contrast Check

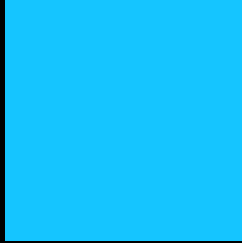
Large Text (above 18pt) WCAG AA × Fail

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 15C5FF 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

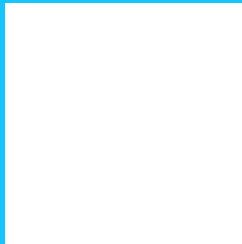
Any Text WCAG AAA ✓ Pass

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

Hex 15C5FF Background



This preview shows how black text looks on a background with the Hex color 15C5FF.

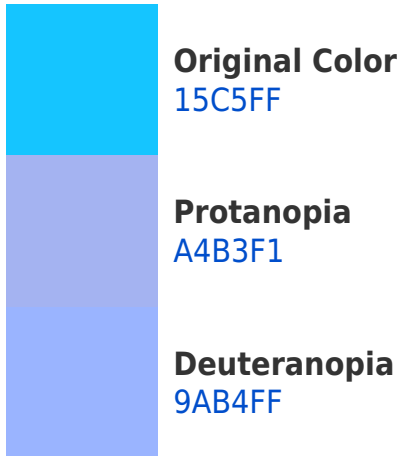


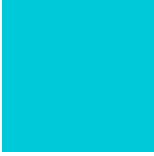
This preview shows how white text looks on a background with the Hex color 15C5FF.

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](#).

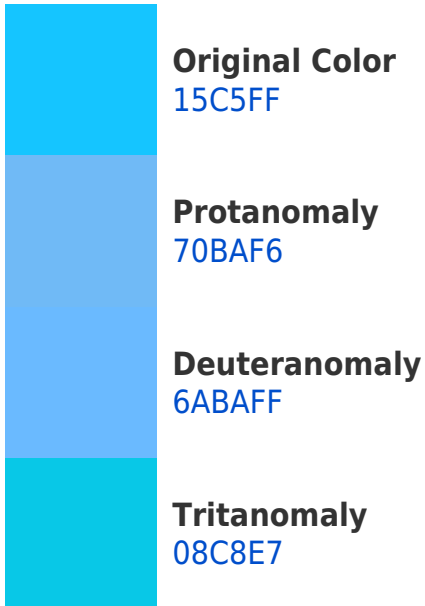
Dichromacy



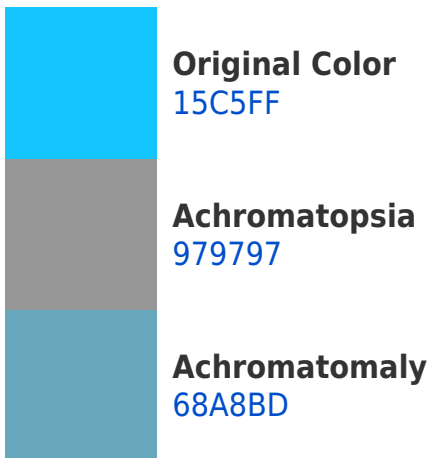


Tritanopia
00CAD9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15C5FF 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 #15C5FF looks like.

```
.text, #text, p{  
    color:#15C5FF  
}
```

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 #15C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C5FF
}
```

Border

The CSS property to change the border of an element to Hex 15C5FF 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
#15C5FF }
```

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

```
.border{ border-color:#15C5FF }
```

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

Here you see how a box with a 4 pixel #15C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C5FF; -webkit-box-shadow:4px 4px  
4px 4px #15C5FF; box-shadow:4px 4px 4px  
4px #15C5FF }
```

Background

The CSS property to change the background color of an element to Hex 15C5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C5FF }
```

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

```
.background{ background-color:#15C5FF }
```

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