

Converting Colors

Hex(11DBFF)

Have a look what the booklet for
Hex(11DBFF) contains.

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Color

Hex(11DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	11DBFF
RGB	17, 219, 255
RGB Percent	7%, 86%, 100%
CMY	0.9333, 0.1412, 0.0000
CMYK	0.93, 0.14, 0.00, 0.00
HSL	189°, 100%, 53%
HSV	189°, 93%, 100%
XYZ	43.6127, 58.0022, 103.5047
YIQ	162.7060, -131.9480, -31.6280

Conversions

Conversions Part 2

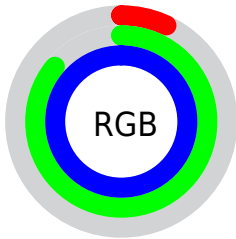
Format	Color
RYB	17, 126, 255
Decimal	1170431
CIELab	80.74, -31.33, -29.86
CIELCh	81, 43.280, 223.621
Yxy	58.0022, 0.2126, 0.2828
Android (android.graphics.Color)	4279360511 (0xFF11DBFF)
YUV	162.7060, 45.5009, -127.7842
Hunter-Lab	76.1592, -31.0602, -27.2671

Details

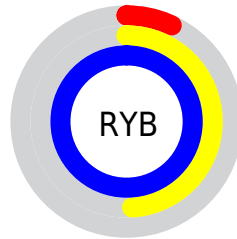
The Hex color **11DBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3511**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **77FFFF**, and **00A4C6** is the 20% darker color. If you saturate the color by 10%, you get **00D8FF**, and if you desaturate by 10%, it is **2BDFFF**.

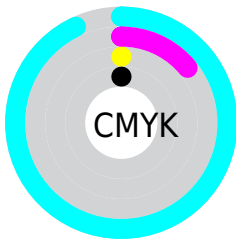
Distribution



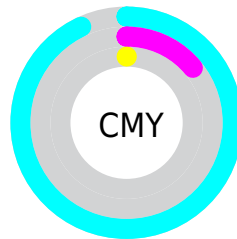
- Red (7%)
- Green (86%)
- Blue (100%)



- Red (7%)
- Yellow (49%)
- Blue (100%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (93%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11DBFF 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 11DBFF by changing the saturation by 10% instead.

 11DBFF

 11DBFF

FFFFFF

 00BFE2

 77FFFF

 00A4C6

 99FFFF

 0089AB

 BAffff

 006F90


 DBFFFF

 005676

 FBFFFF

 003F5E

 002946

 00092F

 00011A

■ 11DBFF

■ 11DBFF

■ 00D8FF

■ 2BDFFF

■ 44E3FF

■ 5EE7FF

■ 77EAFF

■ 91EEFF

■ AAF2FF

■ C4F6FF

■ DDFAFF

■ F7FEFF

Harmonies

Analogous

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



31DEDA



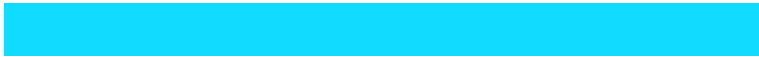
11DBFF



65D3FF

Triad

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



11DBFF



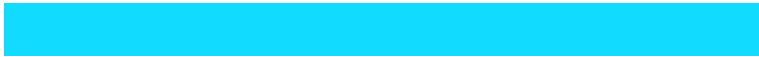
FFACE0



D1CC78

Complementary

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



11DBFF



FF3511

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.



F6BE7B



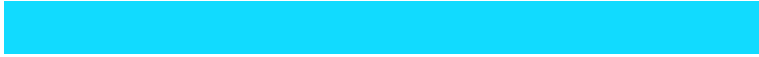
11DBFF



FFA9B7

Square

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



11DBFF



E4B7FF



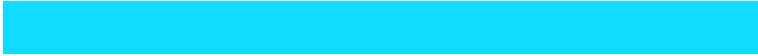
FFB192



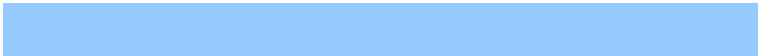
A4D68C

Rectangle

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



11DBFF



95CBFF



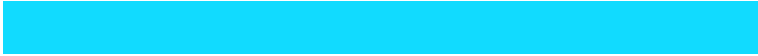
FFB192



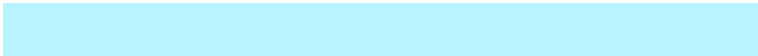
DEC877

Sweetspot

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



11DBFF



B8F4FF



11FF35



547980



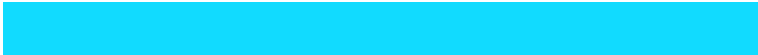
000000



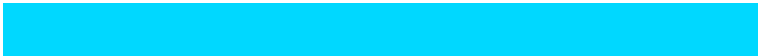
808080

Same Dimension

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



11DBFF



00D8FF



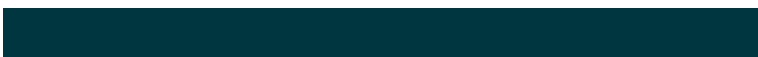
1164FF



737E80



00A2BF



003640

Inverse Universe

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



FF11DB



FF00D8



FFAC11



80737E



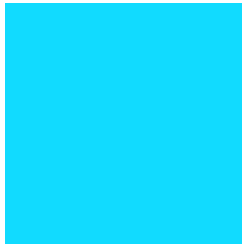
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 11DBFF looks on a white background.

Color Contrast Check

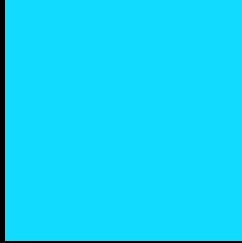
Large Text (above 18pt) WCAG AA × Fail

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 11DBFF 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 11DBFF Background



This preview shows how black text looks on a background with the Hex color 11DBFF.

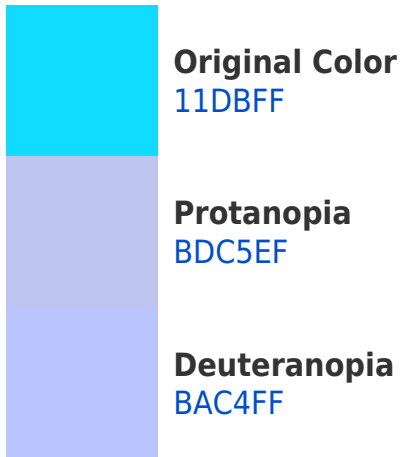


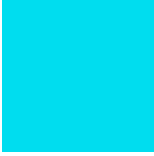
This preview shows how white text looks on a background with the Hex color 11DBFF.

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
00DDEF

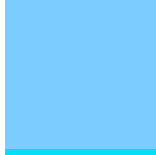
Trichromacy



Original Color
11DBFF



Protanomaly
7ECDF5



Deuteranomaly
7DCCFF



Tritanomaly
06DCF5

Monochromacy



Original Color
11DBFF



Achromatopsia
A3A3A3



Achromatomaly
6EB7C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 11DBFF 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 #11DBFF looks like.

```
.text, #text, p{  
    color:#11DBFF  
}
```

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 #11DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11DBFF
}
```

Border

The CSS property to change the border of an element to Hex 11DBFF 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
#11DBFF }
```

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

```
.border{ border-color:#11DBFF }
```

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

Here you see how a box with a 4 pixel #11DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11DBFF; -webkit-box-shadow:4px 4px  
4px 4px #11DBFF; box-shadow:4px 4px 4px  
4px #11DBFF }
```

Background

The CSS property to change the background color of an element to Hex 11DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11DBFF }
```

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

```
.background{ background-color:#11DBFF }
```

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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