

Converting Colors

Hex(14DBFF)

Have a look what the booklet for
Hex(14DBFF) contains.

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Color

Hex(14DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	14DBFF
RGB	20, 219, 255
RGB Percent	8%, 86%, 100%
CMY	0.9216, 0.1412, 0.0000
CMYK	0.92, 0.14, 0.00, 0.00
HSL	189°, 100%, 54%
HSV	189°, 92%, 100%
XYZ	43.6700, 58.0318, 103.5073
YIQ	163.6030, -130.1600, -30.9920

Conversions

Conversions Part 2

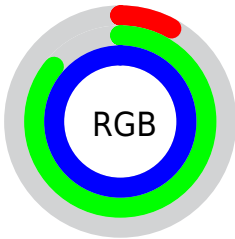
Format	Color
R _Y B	20, 128, 255
Decimal	1367039
CIE Lab	80.76, -31.23, -29.83
CIE LCh	81, 43.191, 223.685
Yxy	58.0318, 0.2128, 0.2828
Android (android.graphics.Color)	4279557119 (0xFF14DBFF)
YUV	163.6030, 45.0587, -125.9398
Hunter-Lab	76.1786, -30.9859, -27.2350

Details

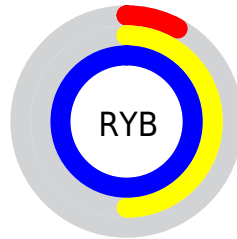
The Hex color **14DBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3814**, and the grayscale version is **A3A3A3**.

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 **2EDFFF**.

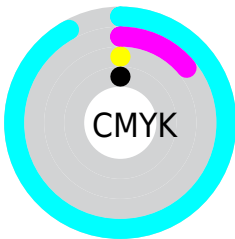
Distribution



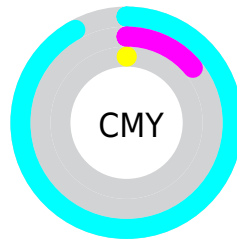
- Red (8%)
- Green (86%)
- Blue (100%)



- Red (8%)
- Yellow (50%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 14DBFF 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 14DBFF by changing the saturation by 10% instead.

 14DBFF

 14DBFF

FFFFFF

 00BFE2

 77FFFF

 00A4C6

 9AFFFF

 0089AB

 BBFFFF

 006F90

 DBFFFF

 005676

 FBFFFF

 003F5E

 002946

 00092F

 00011A

 14DBFF

 14DBFF

 00D8FF

 2EDFFF

 47E3FF

 61E7FF

 7AEBFF

 93EFFF

 ADF2FF

 C7F6FF

 E0FAFF

 FAFEFF

Harmonies

Analogous

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



32DEDA



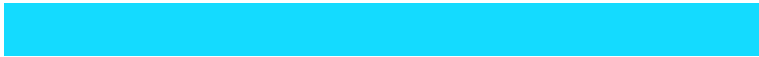
14DBFF



65D3FF

Triad

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



14DBFF



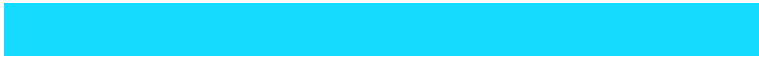
FFACE0



D1CC79

Complementary

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



14DBFF



FF3814

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



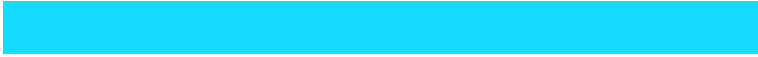
14DBFF



FFA9B7

Square

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



14DBFF



E5B7FF



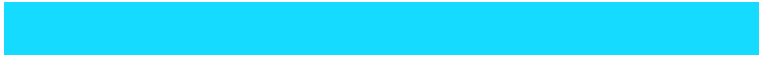
FFB193



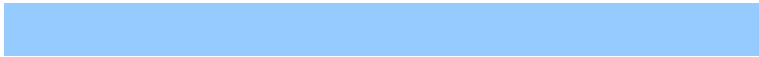
A4D68D

Rectangle

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



14DBFF



96CBFF



FFB193



DEC877

Sweetspot

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



14DBFF



B8F4FF



14FF37



547980



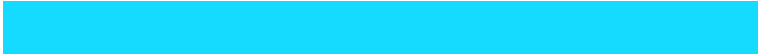
000000



808080

Same Dimension

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



14DBFF



00D8FF



1466FF



737E80



00A2BF



003640

Inverse Universe

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



FF14DB



FF00D8



FFAD14



80737E



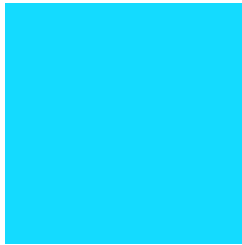
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 14DBFF looks on a white background.

Color Contrast Check

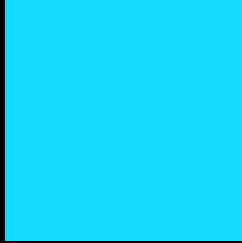
Large Text (above 18pt) WCAG AA × Fail

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 14DBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

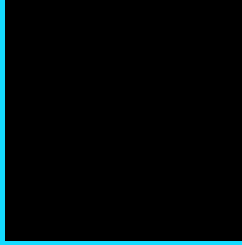
Any Text WCAG AA ✓ Pass

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 14DBFF Background



This preview shows how black text looks on a background with the Hex color 14DBFF.

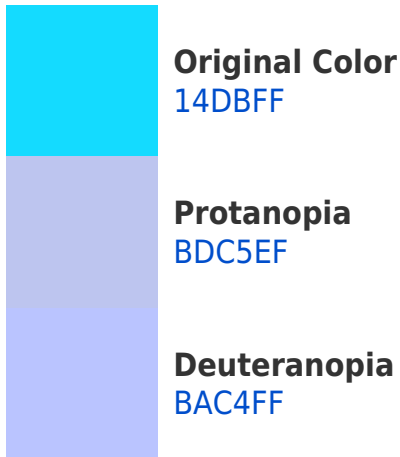


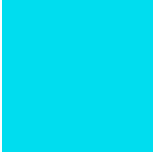
This preview shows how white text looks on a background with the Hex color 14DBFF.

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
14DBFF



Protanomaly
80CDF5



Deuteranomaly
7ECCFF

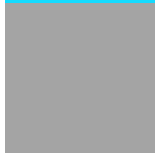


Tritanomaly
07DCF5

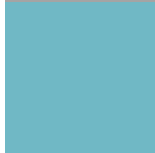
Monochromacy



Original Color
14DBFF



Achromatopsia
A4A4A4



Achromatomaly
70B8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 14DBFF 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 #14DBFF looks like.

```
.text, #text, p{  
    color:#14DBFF  
}
```

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 #14DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14DBFF
}
```

Border

The CSS property to change the border of an element to Hex 14DBFF 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
#14DBFF }
```

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

```
.border{ border-color:#14DBFF }
```

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

Here you see how a box with a 4 pixel #14DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14DBFF; -webkit-box-shadow:4px 4px  
4px 4px #14DBFF; box-shadow:4px 4px 4px  
4px #14DBFF }
```

Background

The CSS property to change the background color of an element to Hex 14DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14DBFF }
```

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

```
.background{ background-color:#14DBFF }
```

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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