

Converting Colors

Hex(14D0FF)

Have a look what the booklet for
Hex(14D0FF) contains.

Hex(14D0FF)	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(14D0FF)

Conversions

Conversions Part 1

Format	Color
Hex	14D0FF
RGB	20, 208, 255
RGB Percent	8%, 82%, 100%
CMY	0.9216, 0.1843, 0.0000
CMYK	0.92, 0.18, 0.00, 0.00
HSL	192°, 100%, 54%
HSV	192°, 92%, 100%
XYZ	40.8944, 52.4805, 102.5821
YIQ	157.1460, -127.1350, -25.2390

Conversions

Conversions Part 2

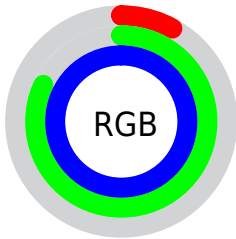
Format	Color
RYP	20, 124, 255
Decimal	1364223
CIELab	77.57, -25.84, -34.74
CIELCh	78, 43.299, 233.359
Yxy	52.4805, 0.2087, 0.2678
Android (android.graphics.Color)	4279554303 (0xFF14D0FF)
YUV	157.1460, 48.2420, -120.2770
Hunter-Lab	72.4434, -26.0126, -33.2461

Details

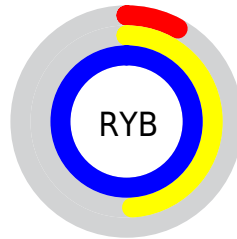
The Hex color **14D0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4314**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FFFF**, and **0099C6** is the 20% darker color. If you saturate the color by 10%, you get **00CCFF**, and if you desaturate by 10%, it is **2ED5FF**.

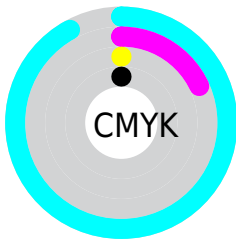
Distribution



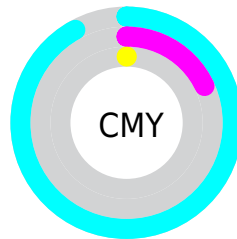
- Red (8%)
- Green (82%)
- Blue (100%)



- Red (8%)
- Yellow (49%)
- Blue (100%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14D0FF 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 14D0FF by changing the saturation by 10% instead.

 14D0FF

 14D0FF

FFFFFF

 00B4E2

 76FFFF

 0099C6

 99FFFF

 007FAB

 B9FFFF

 006690

 D9FFFF

 004E76

 FAFFFF

 00375D

 002345

 00042F

 000119

 14D0FF

 14D0FF

 00CCFF

 2ED5FF

 47DAFF

 61DFFF

 7AE4FF

 93EAFF

 ADEFFF

 C7F4FF

 E0F9FF

 FAFEFF

Harmonies

Analogous

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



00D5DE



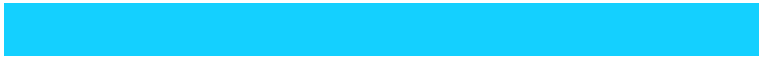
14D0FF



73C6FF

Triad

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



14D0FF



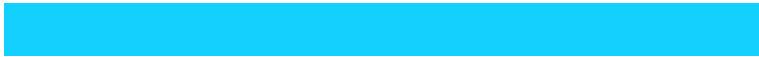
FFA1CA



BAC774

Complementary

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



14D0FF



FF4314

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.



E2BA6F



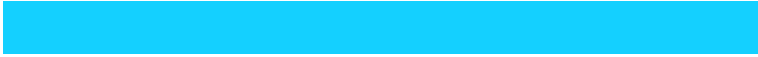
14D0FF



FFA2A2

Square

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



14D0FF



EAAAFO



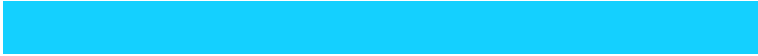
FFAC81



8BD08E

Rectangle

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



14D0FF



A2BDFF



FFAC81



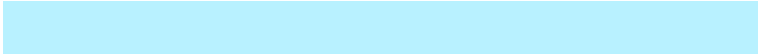
C8C370

Sweetspot

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



14D0FF



B8F1FF



14FF43



547780



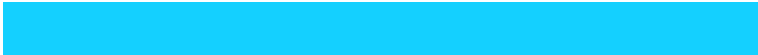
000000



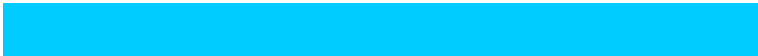
808080

Same Dimension

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



14D0FF



00CCFF



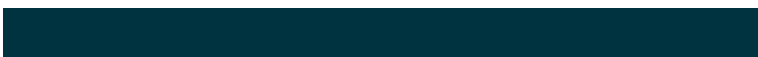
145AFF



737D80



0099BF



003340

Inverse Universe

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



FF14D0



FF00CC



FFB914



80737D



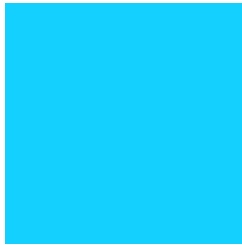
BF0099



400033

Previews

White Background



This preview shows how the Hex color 14D0FF looks on a white background.

Color Contrast Check

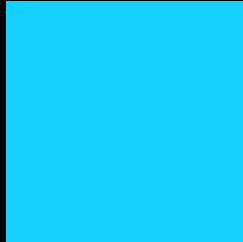
Large Text (above 18pt) WCAG AA × Fail

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 14D0FF 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 14D0FF Background



This preview shows how black text looks on a background with the Hex color 14D0FF.

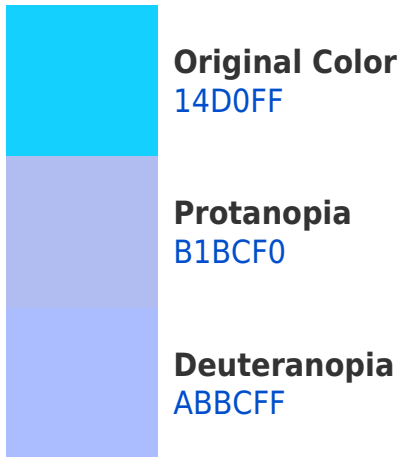


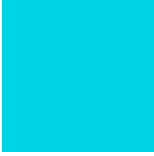
This preview shows how white text looks on a background with the Hex color 14D0FF.

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
00D3E4

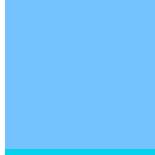
Trichromacy



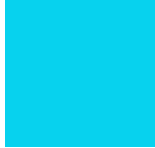
Original Color
14D0FF



Protanomaly
78C3F5



Deuteranomaly
74C3FF



Tritanomaly
07D2EE

Monochromacy



Original Color
14D0FF



Achromatopsia
9D9D9D



Achromatomaly
6BB0C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 14D0FF 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 #14D0FF looks like.

```
.text, #text, p{  
    color:#14D0FF  
}
```

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 #14D0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14D0FF
}
```

Border

The CSS property to change the border of an element to Hex 14D0FF 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
#14D0FF }
```

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

```
.border{ border-color:#14D0FF }
```

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

Here you see how a box with a 4 pixel #14D0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14D0FF; -webkit-box-shadow:4px 4px  
4px 4px #14D0FF; box-shadow:4px 4px 4px  
4px #14D0FF }
```

Background

The CSS property to change the background color of an element to Hex 14D0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14D0FF }
```

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

```
.background{ background-color:#14D0FF }
```

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