

Converting Colors

Hex(1DDDFE)

Have a look what the booklet for
Hex(1DDDFE) contains.

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Color

Hex(1DDDFE)

Conversions

Conversions Part 1

Format	Color
Hex	1DDDFE
RGB	29, 221, 255
RGB Percent	11%, 87%, 100%
CMY	0.8863, 0.1333, 0.0000
CMYK	0.89, 0.13, 0.00, 0.00
HSL	189°, 100%, 56%
HSV	189°, 89%, 100%
XYZ	44.4131, 59.1941, 103.6925
YIQ	167.4680, -125.3460, -30.1300

Conversions

Conversions Part 2

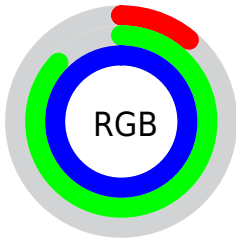
Format	Color
R _Y B	29, 133, 255
Decimal	1957375
CIE Lab	81.40, -31.82, -28.84
CIE LCh	81, 42.949, 222.187
Yxy	59.1941, 0.2142, 0.2855
Android (android.graphics.Color)	4280147455 (0xFF1DDDFF)
YUV	167.4680, 43.1533, -121.4364
Hunter-Lab	76.9377, -31.5999, -26.0515

Details

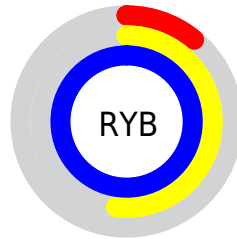
The Hex color **1DDDFE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3F1D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7AFFFF**, and **00A6C6** is the 20% darker color. If you saturate the color by 10%, you get **04D9FF**, and if you desaturate by 10%, it is **37E1FF**.

Distribution



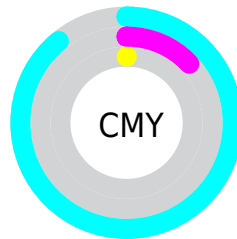
- Red (11%)
- Green (87%)
- Blue (100%)



- Red (11%)
- Yellow (52%)
- Blue (100%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DDDFE 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 1DDDFE by changing the saturation by 10% instead.

 1DDDDF

 1DDDDF

FFFFFF

 00C1E2

 7AFFFF

 00A6C6

 9CFFFF

 008BAB

 BDFFFF

 007190

 DDFFFF

 005876

 FDFFFF

 00405E

 002A46

 000D30

 00011A

 1DDDF

 1DDDF

 04D9F

 37E1F

 00D9F

 50E5F

 6AE9F

 83ECF

 9DF0F

 B6F4F

 D0F8F

 E9FCF

FFFFFF

Harmonies

Analogous

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



3AE0DA



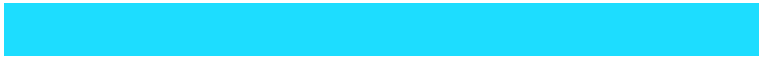
1DDDFE



65D5FF

Triad

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



1DDDF



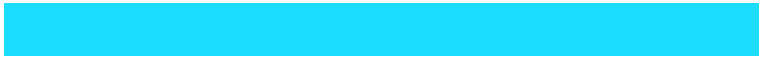
FFAEE4



D5CD7A

Complementary

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



1DDDF



FF3F1D

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.



F9BF7E



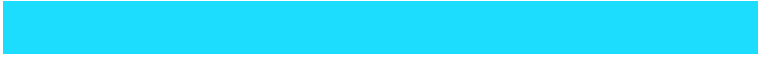
1DDDFE



FFABBB

Square

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



1DDDF



E4BAFF



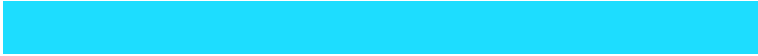
FFB296



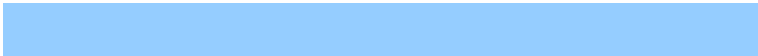
A8D88D

Rectangle

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



1DDDF



95CDF



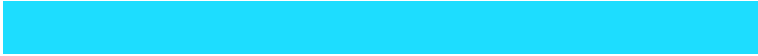
FFB296



E2C979

Sweetspot

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



1DDDF



BAF5FF



1DFF3F



577980



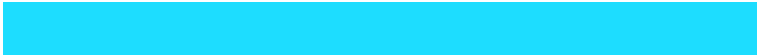
000000



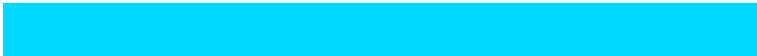
808080

Same Dimension

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



1DDDFE



00D9FE



1D6CFE



737E80



00A2BF



003640

Inverse Universe

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



FF1DDD



FF00D9



FFB01D



80737E



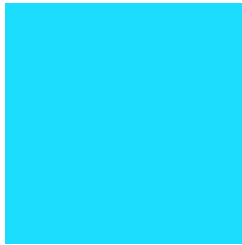
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 1DDDFE looks on a white background.

Color Contrast Check

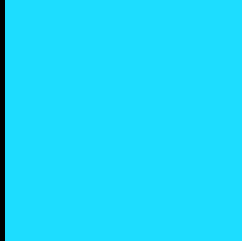
Large Text (above 18pt) WCAG AA × Fail

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 1DDDFE 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 1DDDFE Background



This preview shows how black text looks on a background with the Hex color 1DDDFE.

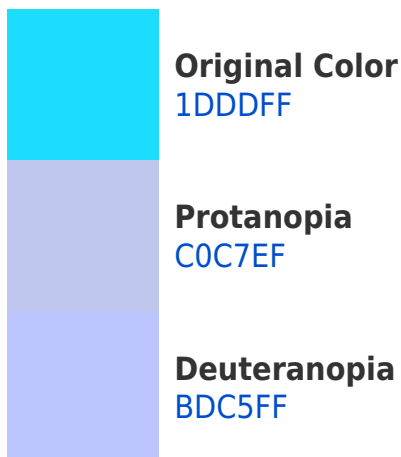


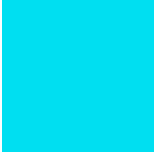
This preview shows how white text looks on a background with the Hex color 1DDDFE.

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
00DFF1

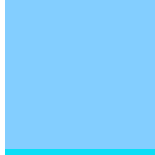
Trichromacy



Original Color
1DDDF6



Protanomaly
85CFF5



Deuteranomaly
83CEFF

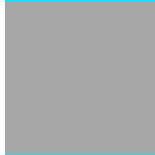


Tritanomaly
0BDEF6

Monochromacy



Original Color
1DDDF6



Achromatopsia
A7A7A7



Achromatomaly
75BBC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DDDFE 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 #1DDDFE looks like.

```
.text, #text, p{  
  color:#1DDDFE  
}
```

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 #1DDDDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DDDDF  
}
```

Border

The CSS property to change the border of an element to Hex 1DDDDFF 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  
#1DDDDFF }
```

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

```
.border{ border-color:#1DDDFE }
```

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

Here you see how a box with a 4 pixel #1DDDFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DDDFE; -webkit-box-shadow:4px 4px  
4px 4px #1DDDFE; box-shadow:4px 4px 4px  
4px #1DDDFE }
```

Background

The CSS property to change the background color of an element to Hex 1DDDFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DDDFE }
```

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

```
.background{ background-color:#1DDDFE }
```

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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