

# Converting Colors

Hex(1DFEFF)

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

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# Color

Hex(1DFEFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1DFEFF
RGB	29, 254, 255
RGB Percent	11%, 100%, 100%
CMY	0.8863, 0.0039, 0.0000
CMYK	0.89, 0.00, 0.00, 0.00
HSL	180°, 100%, 56%
HSV	180°, 89%, 100%
XYZ	53.9985, 78.3648, 106.8876
YIQ	186.8390, -134.4210, -47.3890

# Conversions

## Conversions Part 2

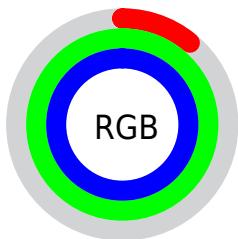
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 142, 255
Decimal	1965823
CIE Lab	90.95, -46.86, -14.38
CIE LCh	91, 49.020, 197.060
Yxy	78.3648, 0.2257, 0.3275
Android (android.graphics.Color)	4280155903 (0xFF1DFEFF)
YUV	186.8390, 33.6034, -138.4248
Hunter-Lab	88.5239, -46.0340, -9.6226

# Details

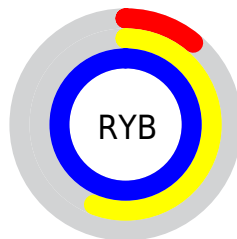
The Hex color **1DFEFF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF1E1D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **7EFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **04FEFF**, and if you desaturate by 10%, it is **37FEFF**.

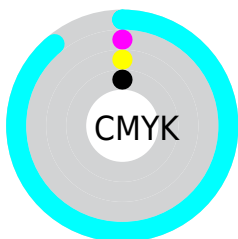
# Distribution



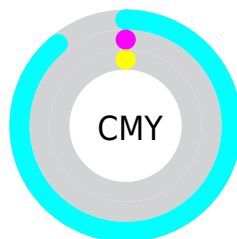
- Red (11%)
- Green (100%)
- Blue (100%)



- Red (11%)
- Yellow (56%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

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



 1DFEFF

 1DFEFF

FFFFFF

 00E1E2

 7EFFFF

 00C5C6

 A1FFFF

 00A9AB

 C3FFFF

 008E91

 E4FFFF

 007377

 005A5E

 004147

 002C30

 00081C

 1DFEFF

 1DFEFF

 04FEFF

 37FEFF

 00FEFF

 50FEFF

 6AFEFF

 83FEFF

 9DFFFF

 B6FFFF

 D0FFFF

 E9FFFF

FFFFFF

# Harmonies

## Analogous

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



76FDCE



1DFEFF



00FAFF

# Triad

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



1DFEFF



FFCFFF



FFDB89

# Complementary

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



1DFEFF



FF1E1D

# 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.



FFCBA2



1DFEFF



FFC2FB

# Square

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



1DFEFF



CCE0FF



FFC1CC



E9EB89

# Rectangle

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



1DFEFF



59F4FF



FFC1CC



FFD68F

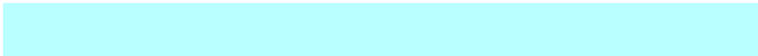


# Sweetspot

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



1DFEFF



BAFFFF



1DFF1D



577F80



000000



808080



# Same Dimension

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



1DFEFF



00FEFF



1D8EFF



737F80



00BEBF



003F40



# Inverse Universe

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



FF1DFE



FF00FE



FF8E1D



80737F



BF00BE

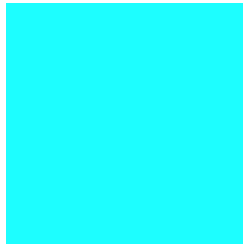


40003F



# Previews

## White Background



This preview shows how the Hex color 1DFE00 looks on a white background.

## Color Contrast Check

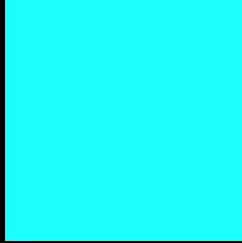
Large Text (above 18pt) WCAG AA × Fail

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 1DFEFF 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

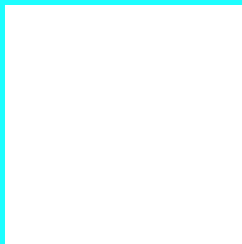
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1DFE9F Background



This preview shows how black text looks on a background with the Hex color 1DFE9F.

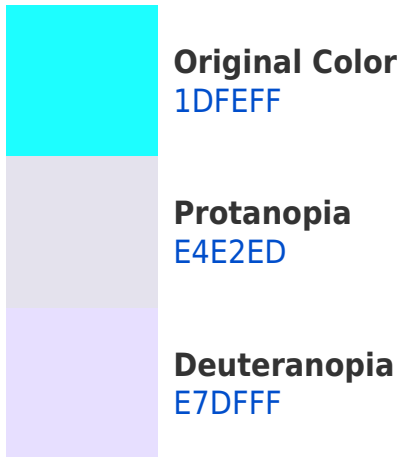


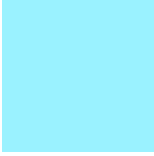
This preview shows how white text looks on a background with the Hex color 1DFE9F.

# 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](#).

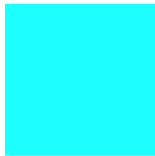
## Dichromacy





**Tritanopia**  
9AF2FF

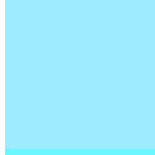
# Trichromacy



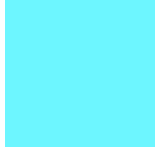
**Original Color**  
1DFEFF



**Protanomaly**  
9CECF4

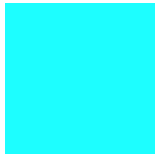


**Deuteranomaly**  
9EEAFF

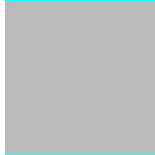


**Tritanomaly**  
6DF6FF

# Monochromacy



**Original Color**  
1DFEFF



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
82D3D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DFE9F 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 #1DFE9F looks like.

```
.text, #text, p{  
    color:#1DFE9F  
}
```

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 #1DFE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DFE9F
}
```

## Border

The CSS property to change the border of an element to Hex 1DFE9F 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
#1DFE9F }
```

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

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

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

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

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

# Background

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

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

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

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

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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