

# Converting Colors

Hex(1D8CFD)

Have a look what the booklet for  
Hex(1D8CFD) contains.

<b>Hex(1D8CFD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1D8CFD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D8CFD
RGB	29, 140, 253
RGB Percent	11%, 55%, 99%
CMY	0.8863, 0.4510, 0.0078
CMYK	0.89, 0.45, 0.00, 0.01
HSL	210°, 98%, 55%
HSV	210°, 89%, 99%
XYZ	27.6144, 26.1092, 96.5127
YIQ	119.6930, -102.4290, 11.6110

# Conversions

## Conversions Part 2

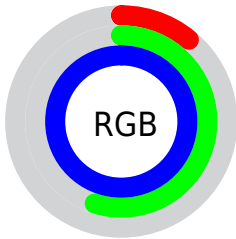
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 103, 253
Decimal	1936637
CIE <sub>Lab</sub>	58.14, 11.59, -64.29
CIE <sub>LCh</sub>	58, 65.327, 280.217
Yxy	26.1092, 0.1838, 0.1738
Android (android.graphics.Color)	4280126717 (0xFF1D8CFD)
YUV	119.6930, 65.7204, -79.5378
Hunter-Lab	51.0972, 7.0465, -76.2193

# Details

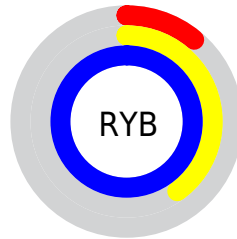
The Hex color **1D8CFD** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FD8E1D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76C1FF**, and **005BC4** is the 20% darker color. If you saturate the color by 10%, you get **047FFD**, and if you desaturate by 10%, it is **3699FD**.

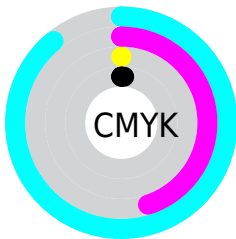
# Distribution



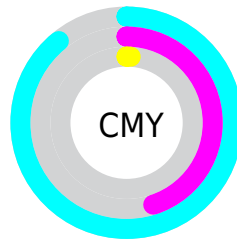
- Red (11%)
- Green (55%)
- Blue (99%)



- Red (11%)
- Yellow (40%)
- Blue (99%)



- Cyan (89%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (45%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D8CFD 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 1D8CFD by changing the saturation by 10% instead.



 1D8CFD

 1D8CFD

FFFFFF

 0073E0

 76C1FF

 005BC4

 97DDFF

 0044A8

 B7F9FF

 002F8D

 D7FFFF

 001D72

 F6FFFF

 000A59

 000741

 00032A

 000114

■ 1D8CFD

■ 1D8CFD

■ 047FFD

■ 3699FD

■ 007DFD

■ 50A6FD

■ 69B2FD

■ 82BFFD

■ 9CCCFD

■ B5D9FD

■ CEE5FD

■ E7F2FD

FFFFFD

# Harmonies

## Analogous

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



009CF7



1D8CFD



A773E4

# Triad

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



1D8CFD



E76244



00A463

# Complementary

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



1D8CFD



FD8E1D

# 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.



569D2B



1D8CFD



C67B11

# Square

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



1D8CFD



F2517B



958F00



00A69E

# Rectangle

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



1D8CFD



D061C6



958F00



00A250

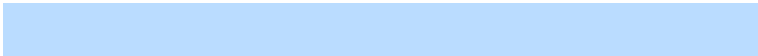


# Sweetspot

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



1D8CFD



BADCFE



1DFD8D



576B80



000000



808080



# Same Dimension

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



1D8CFD



007EFF



1D1DFD



737980



005FBF



002040



# Inverse Universe

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



FD1D8C



FF007E



FDFD1D



807379



BF005F



400020



# Previews

## White Background



This preview shows how the Hex color 1D8CFD looks on a white background.

## Color Contrast Check

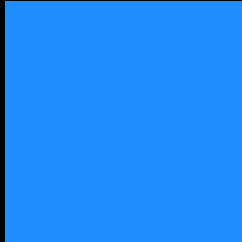
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D8CFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

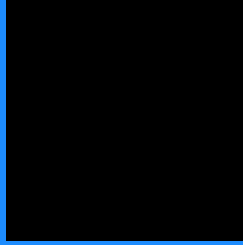
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

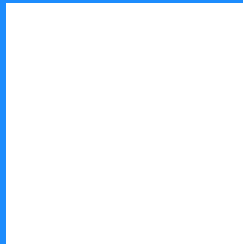
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D8CFD Background



This preview shows how black text looks on a background with the Hex color 1D8CFD.



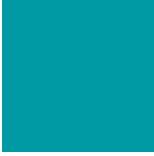
This preview shows how white text looks on a background with the Hex color 1D8CFD.

# 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**  
009AA5

# Trichromacy



**Original Color**  
1D8CFD

**Protanomaly**  
4189FA

**Deuteranomaly**  
0B8DFB

**Tritanomaly**  
0B95C5

# Monochromacy



**Original Color**  
1D8CFD

**Achromatopsia**  
787878

**Achromatomaly**  
577FA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D8CFD 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 #1D8CFD looks like.

```
.text, #text, p{  
    color:#1D8CFD  
}
```

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 #1D8CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8CFD
}
```

## Border

The CSS property to change the border of an element to Hex 1D8CFD 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
#1D8CFD }
```

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

```
.border{ border-color:#1D8CFD }
```

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

Here you see how a box with a 4 pixel #1D8CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8CFD; -webkit-box-shadow:4px 4px  
4px 4px #1D8CFD; box-shadow:4px 4px 4px  
4px #1D8CFD }
```

# Background

The CSS property to change the background color of an element to Hex 1D8CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8CFD }
```

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

```
.background{ background-color:#1D8CFD }
```

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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