

Converting Colors

Hex(1DB1F8)

Have a look what the booklet for
Hex(1DB1F8) contains.

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Color

Hex(1DB1F8)

Conversions

Conversions Part 1

Format	Color
Hex	1DB1F8
RGB	29, 177, 248
RGB Percent	11%, 69%, 97%
CMY	0.8863, 0.3059, 0.0275
CMYK	0.88, 0.29, 0.00, 0.03
HSL	199°, 94%, 54%
HSV	199°, 88%, 97%
XYZ	33.1721, 38.4828, 94.4865
YIQ	140.8420, -110.9990, -9.2950

Conversions

Conversions Part 2

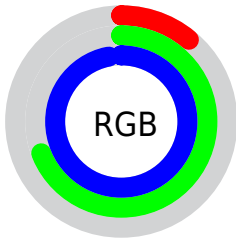
Format	Color
RYB	29, 117, 248
Decimal	1946104
CIELab	68.37, -11.65, -45.29
CIELCh	68, 46.767, 255.571
Yxy	38.4828, 0.1997, 0.2316
Android (android.graphics.Color)	4280136184 (0xFF1DB1F8)
YUV	140.8420, 52.8289, -98.0854
Hunter-Lab	62.0345, -13.1099, -46.8821

Details

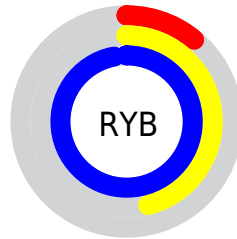
The Hex color **1DB1F8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F8641D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **75E9FF**, and **007DBF** is the 20% darker color. If you saturate the color by 10%, you get **04A9F8**, and if you desaturate by 10%, it is **36B9F8**.

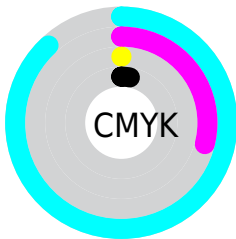
Distribution



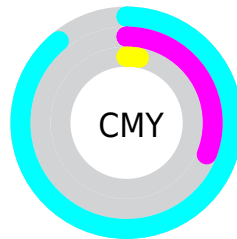
- Red (11%)
- Green (69%)
- Blue (97%)



- Red (11%)
- Yellow (46%)
- Blue (97%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)



- Cyan (89%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DB1F8 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 1DB1F8 by changing the saturation by 10% instead.

 1DB1F8

 1DB1F8

FFFFFF

 0096DB

 75E9FF

 007DBF

 96FFFF

 0064A4

 B6FFFF

 004C89

 D6FFFF

 00366F

 F6FFFF

 002157

 00063F

 000328

 000112

■ 1DB1F8

■ 1DB1F8

■ 04A9F8

■ 36B9F8

■ 00A8F8

■ 4FC1F8

■ 67C9F8

■ 80D1F8

■ 99D9F8

■ B2E1F8

■ CBE9F8

■ E3F1F8

■ FCF9F8

Harmonies

Analogous

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



00B9E2



1DB1F8



89A3F8

Triad

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



1DB1F8



F78492



7BB56A

Complementary

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



1DB1F8



F8641D

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.



ABAB53



1DB1F8



ED8E6C

Square

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



1DB1F8



EB86BD



D29D54



39BB90

Rectangle

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



1DB1F8



B599EC



D29D54



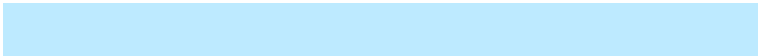
8CB360

Sweetspot

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



1DB1F8



BDEAFF



1DF862



587380



000000



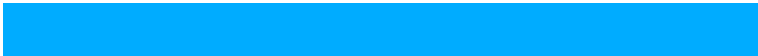
808080

Same Dimension

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



1DB1F8



00ACFF



1D45F8



70797D



0080BD



00293D

Inverse Universe

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



F81DB1



FF00AC



F8D01D



7D7079



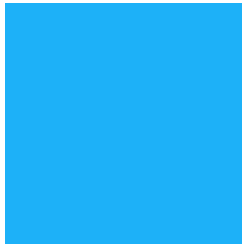
BD0080



3D0029

Previews

White Background



This preview shows how the Hex color 1DB1F8 looks on a white background.

Color Contrast Check

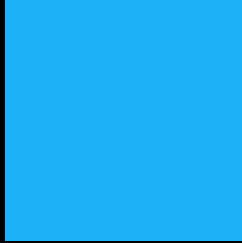
Large Text (above 18pt) WCAG AA × Fail

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 1DB1F8 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

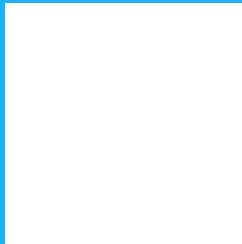
Any Text WCAG AAA ✓ Pass

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

Hex 1DB1F8 Background



This preview shows how black text looks on a background with the Hex color 1DB1F8.

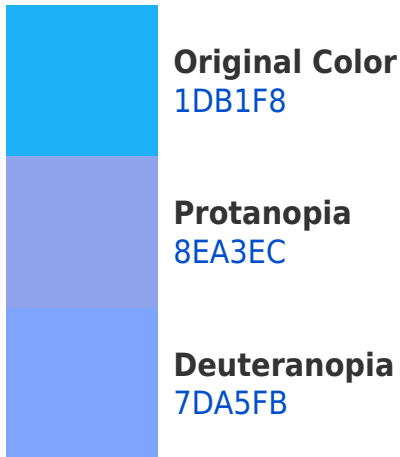


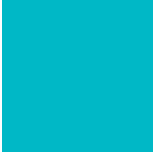
This preview shows how white text looks on a background with the Hex color 1DB1F8.

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
00B8C6

Trichromacy



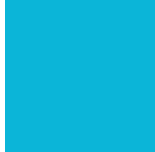
Original Color
1DB1F8



Protanomaly
65A8F0



Deuteranomaly
5AA9FA



Tritanomaly
0BB5D8

Monochromacy



Original Color
1DB1F8



Achromatopsia
8D8D8D



Achromatomaly
649AB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DB1F8 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 #1DB1F8 looks like.

```
.text, #text, p{  
    color:#1DB1F8  
}
```

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 #1DB1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB1F8  
}
```

Border

The CSS property to change the border of an element to Hex 1DB1F8 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  
#1DB1F8 }
```

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

```
.border{ border-color:#1DB1F8 }
```

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

Here you see how a box with a 4 pixel #1DB1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB1F8; -webkit-box-shadow:4px 4px  
4px 4px #1DB1F8; box-shadow:4px 4px 4px  
4px #1DB1F8 }
```

Background

The CSS property to change the background color of an element to Hex 1DB1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB1F8 }
```

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

```
.background{ background-color:#1DB1F8 }
```

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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