

Converting Colors

Hex(1DC5F4)

Have a look what the booklet for
Hex(1DC5F4) contains.

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Color

Hex(1DC5F4)

Conversions

Conversions Part 1

Format	Color
Hex	1DC5F4
RGB	29, 197, 244
RGB Percent	11%, 77%, 96%
CMY	0.8863, 0.2275, 0.0431
CMYK	0.88, 0.19, 0.00, 0.04
HSL	193°, 91%, 54%
HSV	193°, 88%, 96%
XYZ	36.8021, 46.7254, 92.6672
YIQ	152.1260, -115.2150, -20.9990

Conversions

Conversions Part 2

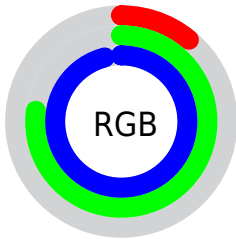
Format	Color
R _Y B	29, 123, 244
Decimal	1951220
CIE Lab	74.01, -23.56, -34.34
CIE LCh	74, 41.643, 235.545
Yxy	46.7254, 0.2089, 0.2652
Android (android.graphics.Color)	4280141300 (0xFF1DC5F4)
YUV	152.1260, 45.2939, -107.9815
Hunter-Lab	68.3560, -23.5205, -32.5277

Details

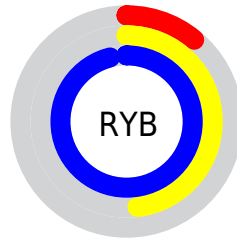
The Hex color **1DC5F4** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F44C1D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **76FEFF**, and **008FBC** is the 20% darker color. If you saturate the color by 10%, you get **05C0F4**, and if you desaturate by 10%, it is **35CAF4**.

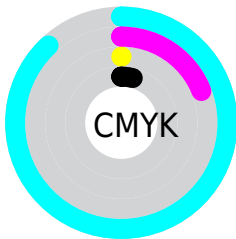
Distribution



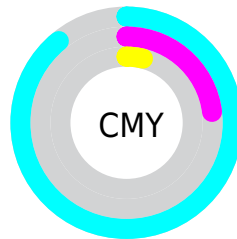
- Red (11%)
- Green (77%)
- Blue (96%)



- Red (11%)
- Yellow (48%)
- Blue (96%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC5F4 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 1DC5F4 by changing the saturation by 10% instead.

 1DC5F4

 1DC5F4

FFFFFF

 00AAD7

 76FEFF

 008FBC

 97FFFF

 0075A0

 B7FFFF

 005C86

 D7FFFF

 00456D

 F7FFFF

 002E54

 001A3D

 000326

 000110

 1DC5F4

 1DC5F4

 05C0F4

 35CAF4

 00BFF4

 4ED0F4

 66D5F4

 7FDAF4

 97E0F4

 AFE5F4

 C8EAF4

 E0F0F4

 F9F5F4

Harmonies

Analogous

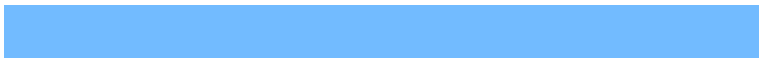
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00CAD6



1DC5F4



72BBFF

Triad

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



1DC5F4



FB98BD



ADBE6F

Complementary

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



1DC5F4



F44C1D

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.



D4B269



1DC5F4



FF9A97

Square

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



1DC5F4



E1A0E2



F1A478



80C689

Rectangle

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



1DC5F4



9EB3FF



F1A478



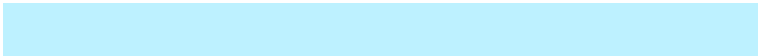
BBBA6B

Sweetspot

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



1DC5F4



BDF1FF



1DF44C



587780



000000



808080

Same Dimension

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



1DC5F4



00C7FF



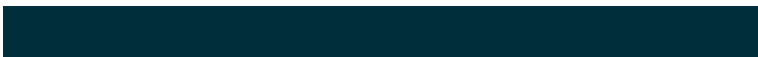
1D5AF4



6E787A



0091BA



002E3B

Inverse Universe

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



F41DC5



FF00C7



F4B71D



7A6E78



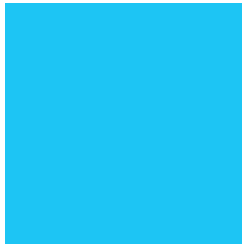
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 1DC5F4 looks on a white background.

Color Contrast Check

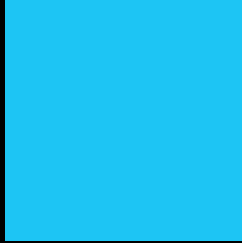
Large Text (above 18pt) WCAG AA × Fail

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 1DC5F4 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 1DC5F4 Background



This preview shows how black text looks on a background with the Hex color 1DC5F4.

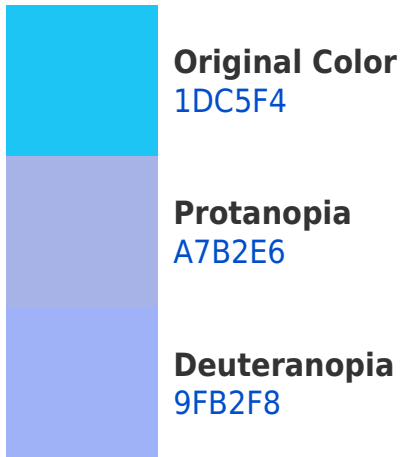


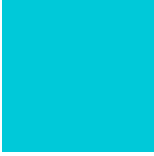
This preview shows how white text looks on a background with the Hex color 1DC5F4.

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](#).

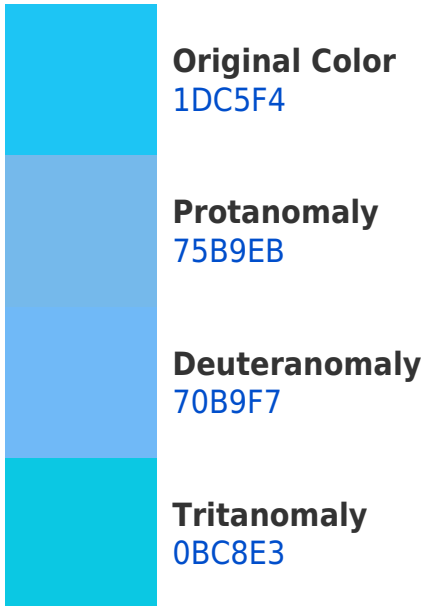
Dichromacy



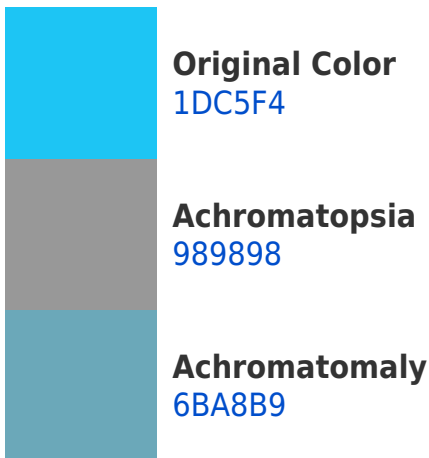


Tritanopia
00C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC5F4 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 #1DC5F4 looks like.

```
.text, #text, p{  
    color:#1DC5F4  
}
```

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 #1DC5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC5F4
}
```

Border

The CSS property to change the border of an element to Hex 1DC5F4 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
#1DC5F4 }
```

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

```
.border{ border-color:#1DC5F4 }
```

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

Here you see how a box with a 4 pixel #1DC5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC5F4; -webkit-box-shadow:4px 4px  
4px 4px #1DC5F4; box-shadow:4px 4px 4px  
4px #1DC5F4 }
```

Background

The CSS property to change the background color of an element to Hex 1DC5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC5F4 }
```

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

```
.background{ background-color:#1DC5F4 }
```

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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