

Converting Colors

Hex(1C4FED)

Have a look what the booklet for
Hex(1C4FED) contains.

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Color

Hex(1C4FED)

Conversions

Conversions Part 1

Format	Color
Hex	1C4FED
RGB	28, 79, 237
RGB Percent	11%, 31%, 93%
CMY	0.8902, 0.6902, 0.0706
CMYK	0.88, 0.67, 0.00, 0.07
HSL	225°, 85%, 52%
HSV	225°, 88%, 93%
XYZ	18.5609, 11.9533, 81.4497
YIQ	81.7630, -81.1140, 38.3260

Conversions

Conversions Part 2

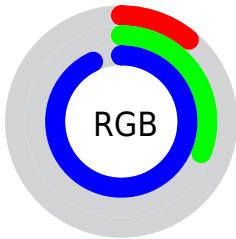
Format	Color
R_{YB}	28, 69, 237
Decimal	1855469
CIE _{Lab}	41.14, 43.78, -83.03
CIE _{LCh}	41, 93.870, 297.802
Yxy	11.9533, 0.1658, 0.1068
Android (android.graphics.Color)	4280045549 (0xFF1C4FED)
YUV	81.7630, 76.5318, -47.1502
Hunter-Lab	34.5735, 35.3249, -115.4765

Details

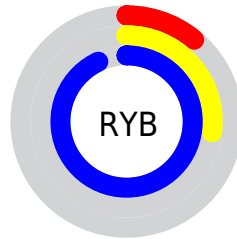
The Hex color **1C4FED** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EDBA1C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7580FF**, and **0023B4** is the 20% darker color. If you saturate the color by 10%, you get **043DED**, and if you desaturate by 10%, it is **3461ED**.

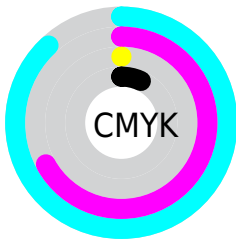
Distribution



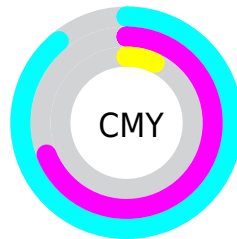
- Red (11%)
- Green (31%)
- Blue (93%)



- Red (11%)
- Yellow (27%)
- Blue (93%)



- Cyan (88%)
- Magenta (67%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4FED 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 1C4FED by changing the saturation by 10% instead.

 1C4FED

 1C4FED

FFFFFF

 0038D0

 7580FF

 0023B4

 969AFF

 001198

 B6B5FF

 00007D

 D6D1FF

 000C63

 F5EDFF

 00094A

 000432

 00021C

 000000

■ 1C4FED

■ 1C4FED

■ 043DED

■ 3461ED

■ 003AED

■ 4B73ED

■ 6385ED

■ 7B97ED

■ 93A9ED

■ AABBED

■ C2CCED

■ DADEED

■ F1F0ED

Harmonies

Analogous

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



006FFF



1C4FED



B200B5

Triad

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



1C4FED



B43300



007C59

Complementary

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



1C4FED



ED8A1C

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.



007900



1C4FED



7C5D00

Square

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



1C4FED



D80020



287000



007EA8

Rectangle

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



1C4FED



D40084



287000



007B3D

Sweetspot

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



1C4FED



BDCDFF



1CEDB9



586280



000000



808080

Same Dimension

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



1C4FED



003EFF



501CED



6A6C75



002CB5



000D36

Inverse Universe

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



ED1C4F



FF003E



B9ED1C



756A6C



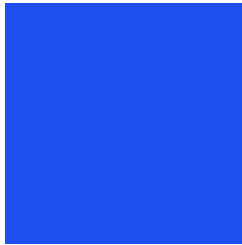
B5002C



36000D

Previews

White Background



This preview shows how the Hex color 1C4FED looks on a white background.

Color Contrast Check

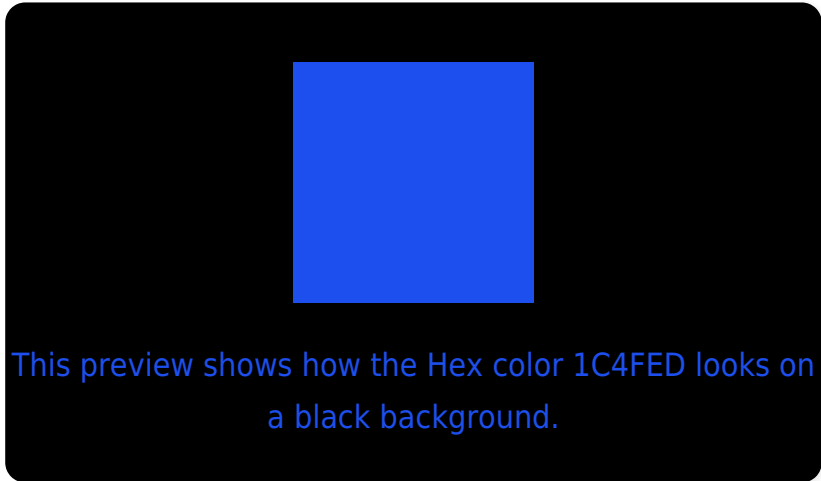
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

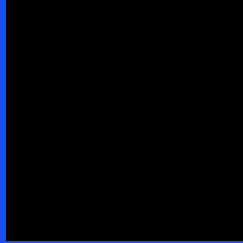
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C4FED Background



This preview shows how black text looks on a background with the Hex color 1C4FED.



This preview shows how white text looks on a background with the Hex color 1C4FED.

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



Original Color
1C4FED

Protanopia
005DC4

Deuteranopia
0063A7



Tritanopia
006B71

Trichromacy



Original Color
1C4FED

Protanomaly
0A58D3

Deuteranomaly
0A5CC0

Tritanomaly
0A619E

Monochromacy



Original Color
1C4FED

Achromatopsia
525252

Achromatomaly
3E518A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4FED 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 #1C4FED looks like.

```
.text, #text, p{  
    color:#1C4FED  
}
```

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 #1C4FED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4FED
}
```

Border

The CSS property to change the border of an element to Hex 1C4FED 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
#1C4FED }
```

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

```
.border{ border-color:#1C4FED }
```

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

Here you see how a box with a 4 pixel #1C4FED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4FED; -webkit-box-shadow:4px 4px  
4px 4px #1C4FED; box-shadow:4px 4px 4px  
4px #1C4FED }
```

Background

The CSS property to change the background color of an element to Hex 1C4FED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4FED }
```

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

```
.background{ background-color:#1C4FED }
```

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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