

Converting Colors

Hex(1D5BFD)

Have a look what the booklet for
Hex(1D5BFD) contains.

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Color

Hex(1D5BFD)

Conversions

Conversions Part 1

Format	Color
Hex	1D5BFD
RGB	29, 91, 253
RGB Percent	11%, 36%, 99%
CMY	0.8863, 0.6431, 0.0078
CMYK	0.89, 0.64, 0.00, 0.01
HSL	223°, 98%, 55%
HSV	223°, 89%, 99%
XYZ	21.9774, 14.8352, 94.6337
YIQ	90.9300, -88.9540, 37.2380

Conversions

Conversions Part 2

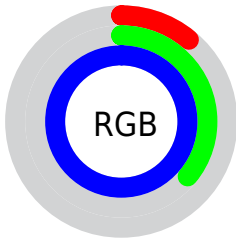
Format	Color
<code>RYB</code>	<code>29, 78, 253</code>
Decimal	<code>1924093</code>
CIELab	<code>45.41, 42.20, -84.99</code>
CIELCh	<code>45, 94.890, 296.407</code>
Yxy	<code>14.8352, 0.1672, 0.1129</code>
Android (<code>android.graphics.Color</code>)	<code>4280114173 (0xFF1D5BFD)</code>
YUV	<code>90.9300, 79.9005, -54.3126</code>
Hunter-Lab	<code>38.5165, 34.4476, -118.7117</code>

Details

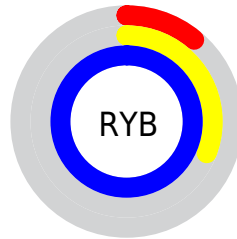
The Hex color **1D5BFD** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **FDBF1D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **788DFF**, and **002EC3** is the 20% darker color. If you saturate the color by 10%, you get **0449FD**, and if you desaturate by 10%, it is **366DFD**.

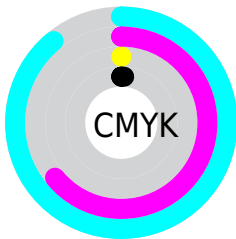
Distribution



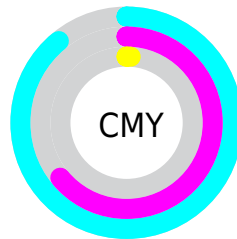
- Red (11%)
- Green (36%)
- Blue (99%)



- Red (11%)
- Yellow (31%)
- Blue (99%)



- Cyan (89%)
- Magenta (64%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (64%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5BFD 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 1D5BFD by changing the saturation by 10% instead.

 1D5BFD

 1D5BFD

FFFFFF

 0044E0

 788DFF

 002EC3

 9AA7FF

 001BA7

 BBC2FF


 000C8C

 DBDEFF

 000471

 FBFBF

 000C57

 00063F

 000328

 000112

■ 1D5BFD

■ 1D5BFD

■ 0449FD

■ 366DFD

■ 0046FD

■ 5080FD

■ 6992FD

■ 82A4FD

■ 9CB6FD

■ B5C9FD

■ CEDBFD

■ E7EDFD

FFFFFD

Harmonies

Analogous

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



007AFF



1D5BFD



BC05C5

Triad

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



1D5BFD



C53B00



00885F

Complementary

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



1D5BFD



FDBF1D

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.



008400



1D5BFD



8C6600

Square

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



1D5BFD



E8002C



3B7B00



008AB1

Rectangle

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



1D5BFD



E10093



3B7B00



008743

Sweetspot

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



1D5BFD



BACDFF



1DFDBE



576280



000000



808080

Same Dimension

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



1D5BFD



0047FF



4E1DFD



737680



0035BF



001240

Inverse Universe

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



FD1D5B



FF0047



CCFD1D



807376



BF0035



400012

Previews

White Background



This preview shows how the Hex color 1D5BFD looks on a white background.

Color Contrast Check

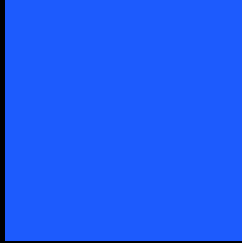
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1D5BFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

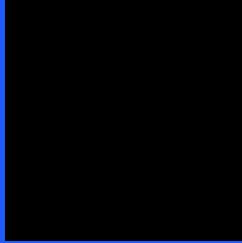
Any Text WCAG AA × Fail

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 1D5BFD Background



This preview shows how black text looks on a background with the Hex color 1D5BFD.



This preview shows how white text looks on a background with the Hex color 1D5BFD.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5BFD 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 #1D5BFD looks like.

```
.text, #text, p{  
    color:#1D5BFD  
}
```

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 #1D5BFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5BFD
}
```

Border

The CSS property to change the border of an element to Hex 1D5BFD 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
#1D5BFD }
```

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

```
.border{ border-color:#1D5BFD }
```

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

Here you see how a box with a 4 pixel #1D5BFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5BFD; -webkit-box-shadow:4px 4px  
4px 4px #1D5BFD; box-shadow:4px 4px 4px  
4px #1D5BFD }
```

Background

The CSS property to change the background color of an element to Hex 1D5BFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5BFD }
```

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

```
.background{ background-color:#1D5BFD }
```

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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