

Converting Colors

Hex(1D4BEF)

Have a look what the booklet for
Hex(1D4BEF) contains.

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Color

Hex(1D4BEF)

Conversions

Conversions Part 1

Format	Color
Hex	1D4BEF
RGB	29, 75, 239
RGB Percent	11%, 29%, 94%
CMY	0.8863, 0.7059, 0.0627
CMYK	0.88, 0.69, 0.00, 0.06
HSL	227°, 87%, 53%
HSV	227°, 88%, 94%
XYZ	18.6028, 11.5254, 82.9055
YIQ	79.9420, -80.0600, 41.2520

Conversions

Conversions Part 2

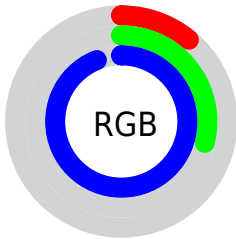
Format	Color
RYB	29, 67, 239
Decimal	1919983
CIELab	40.45, 46.98, -85.30
CIElCh	40, 97.379, 298.842
Yxy	11.5254, 0.1646, 0.1020
Android (android.graphics.Color)	4280110063 (0xFF1D4BEF)
YUV	79.9420, 78.4156, -44.6761
Hunter-Lab	33.9490, 38.4004, -121.0253

Details

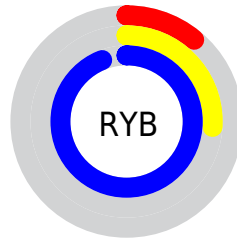
The Hex color **1D4BEF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EFC11D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **767CFF**, and **001FB6** is the 20% darker color. If you saturate the color by 10%, you get **0538EF**, and if you desaturate by 10%, it is **355EEF**.

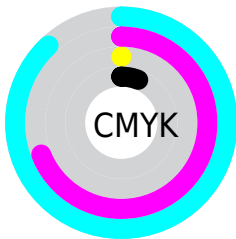
Distribution



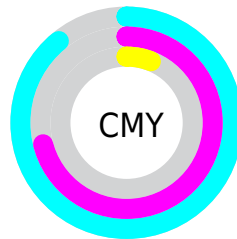
- Red (11%)
- Green (29%)
- Blue (94%)



- Red (11%)
- Yellow (26%)
- Blue (94%)



- Cyan (88%)
- Magenta (69%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (71%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4BEF 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 1D4BEF by changing the saturation by 10% instead.

 1D4BEF

 1D4BEF

FFFFFF

 0034D2


 767CFF

 001FB6

 9796FF

 000D9A

 B8B1FF

 00007F

 D7CCFF

 000C65

 F7E9FF

 00094C

 000434

 00021E

 000000

 1D4BEF

 1D4BEF

 0538EF

 355EEF

 0034EF

 4D70EF

 6583EF

 7D96EF

 94A8EF

 ACBBEF

 C4CEEF

 DCE0EF

 F4F3EF

Harmonies

Analogous

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



006DFF



1D4BEF



B500B4

Triad

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



1D4BEF



B23000



007B5A

Complementary

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



1D4BEF



EFC11D

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.



007800



1D4BEF



785C00

Square

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



1D4BEF



D80019



186F00



007DAC

Rectangle

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



1D4BEF



D60081



186F00



007A3D

Sweetspot

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



1D4BEF



BDCBFF



1DEFBE



586180



000000



808080

Same Dimension

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



1D4BEF



0038FF



551DEF



6C6E78



0028B8



000C38

Inverse Universe

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



EF1D4B



FF0038



B7EF1D



786C6E



B80028



38000C

Previews

White Background



This preview shows how the Hex color 1D4BEF looks on a white background.

Color Contrast Check

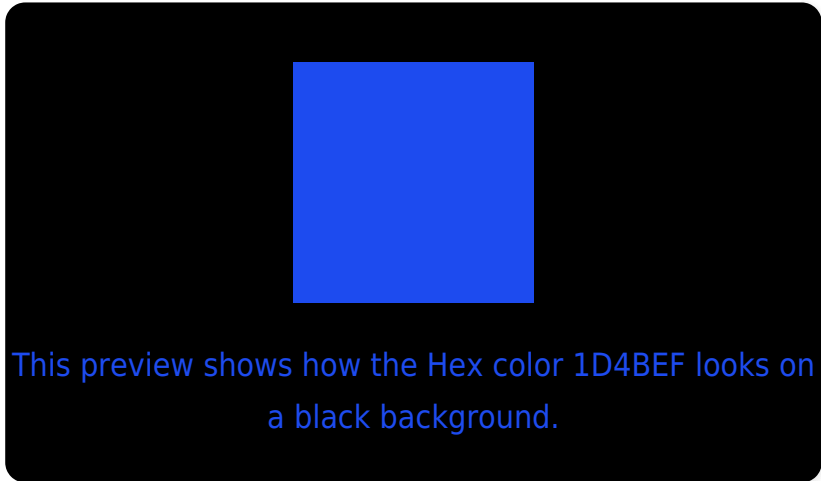
Large Text (above 18pt) WCAG AA ✓ Pass

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

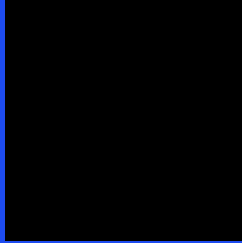
Any Text WCAG AA × Fail

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 1D4BEF Background



This preview shows how black text looks on a background with the Hex color 1D4BEF.



This preview shows how white text looks on a background with the Hex color 1D4BEF.

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
00696F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4BEF 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 #1D4BEF looks like.

```
.text, #text, p{  
    color:#1D4BEF  
}
```

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 #1D4BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4BEF
}
```

Border

The CSS property to change the border of an element to Hex 1D4BEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

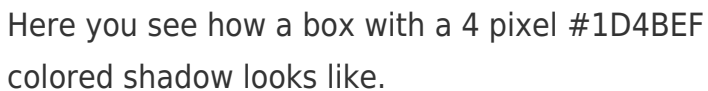
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D4BEF }
```

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

```
.border{ border-color:#1D4BEF }
```

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



Here you see how a box with a 4 pixel #1D4BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4BEF; -webkit-box-shadow:4px 4px  
4px 4px #1D4BEF; box-shadow:4px 4px 4px  
4px #1D4BEF }
```

Background

The CSS property to change the background color of an element to Hex 1D4BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4BEF }
```

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

```
.background{ background-color:#1D4BEF }
```

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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