

Converting Colors

Hex(1B4FCF)

Have a look what the booklet for
Hex(1B4FCF) contains.

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Color

Hex(1B4FCF)

Conversions

Conversions Part 1

Format	Color
Hex	1B4FCF
RGB	27, 79, 207
RGB Percent	11%, 31%, 81%
CMY	0.8941, 0.6902, 0.1882
CMYK	0.87, 0.62, 0.00, 0.19
HSL	223°, 77%, 46%
HSV	223°, 87%, 81%
XYZ	14.5105, 10.3300, 60.2606
YIQ	78.0440, -72.0800, 28.7840

Conversions

Conversions Part 2

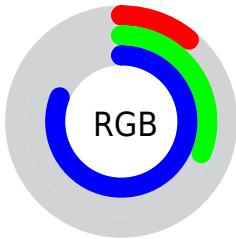
Format	Color
R_{YB}	27, 67, 207
Decimal	1789903
CIE _{Lab}	38.43, 32.62, -70.36
CIE _{LCh}	38, 77.559, 294.875
Yxy	10.3300, 0.1705, 0.1214
Android (android.graphics.Color)	4279979983 (0xFF1B4FCF)
YUV	78.0440, 63.5753, -44.7656
Hunter-Lab	32.1403, 24.3424, -88.6661

Details

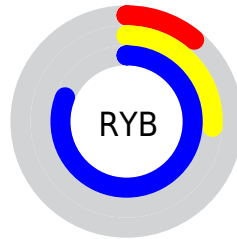
The Hex color **1B4FCF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CF9B1B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6C80FF**, and **002497** is the 20% darker color. If you saturate the color by 10%, you get **0640CF**, and if you desaturate by 10%, it is **305ECF**.

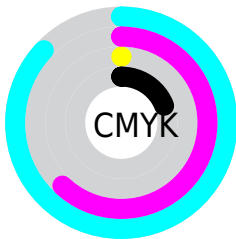
Distribution



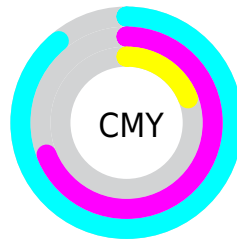
- Red (11%)
- Green (31%)
- Blue (81%)



- Red (11%)
- Yellow (26%)
- Blue (81%)



- Cyan (87%)
- Magenta (62%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4FCF 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 1B4FCF by changing the saturation by 10% instead.

■ 1B4FCF

■ 1B4FCF

FFFFFF

■ 0039B3

■ 6C80FF

■ 002497

■ 8C99FF

■ 00127D

■ AAB4FF

■ 000063

■ C9D0FF

■ 00094A

■ E8ECFF

■ 000432

■ 00021C

■ 000000

■ 1B4FCF

■ 1B4FCF

■ 0640CF

■ 305ECF

■ 003CCF

■ 446CCF

■ 597BCF

■ 6E8ACF

■ 8399CF

■ 97A7CF

■ ACB6CF

■ C1C5CF

■ D5D3CF

Harmonies

Analogous

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



0067DA



1B4FCF



981FA4

Triad

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



1B4FCF



A53300



00724D

Complementary

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



1B4FCF



CF9B1B

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.



006F00



1B4FCF



785500

Square

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



1B4FCF



C0002B



3B6600



00738E

Rectangle

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



1B4FCF



B7007D



3B6600



007137

Sweetspot

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



1B4FCF



BDD0FF



1BCF99



586380



000000



808080

Same Dimension

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



1B4FCF



004AFF



3F1BCF



5E6169



0031A8



000C29

Inverse Universe

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



CF1B4F



FF004A



ABCF1B



695E61



A80031



29000C

Previews

White Background



This preview shows how the Hex color 1B4FCF looks on a white background.

Color Contrast Check

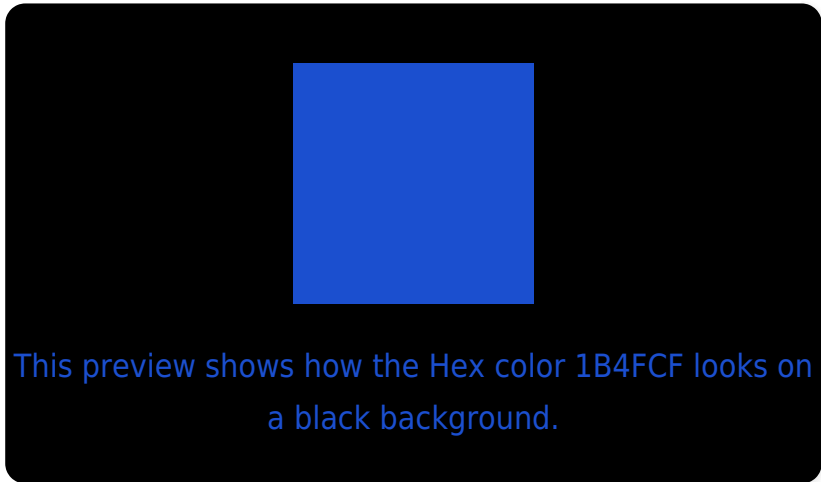
Large Text (above 18pt) WCAG AA ✓ Pass

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

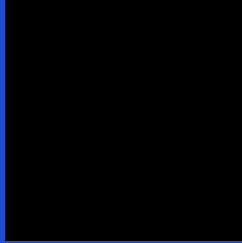
Any Text WCAG AA × Fail

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 1B4FCF Background



This preview shows how black text looks on a background with the Hex color 1B4FCF.



This preview shows how white text looks on a background with the Hex color 1B4FCF.

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
00646A

Trichromacy



Original Color
1B4FCF

Protanomaly
0A54C0

Deuteranomaly
0A57AF

Tritanomaly
0A5C8F

Monochromacy



Original Color
1B4FCF

Achromatopsia
4E4E4E

Achromatomaly
3B4E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4FCF 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 #1B4FCF looks like.

```
.text, #text, p{  
    color:#1B4FCF  
}
```

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 #1B4FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4FCF
}
```

Border

The CSS property to change the border of an element to Hex 1B4FCF 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
#1B4FCF }
```

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

```
.border{ border-color:#1B4FCF }
```

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

Here you see how a box with a 4 pixel #1B4FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4FCF; -webkit-box-shadow:4px 4px  
4px 4px #1B4FCF; box-shadow:4px 4px 4px  
4px #1B4FCF }
```

Background

The CSS property to change the background color of an element to Hex 1B4FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4FCF }
```

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

```
.background{ background-color:#1B4FCF }
```

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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