

Converting Colors

Hex(1B5DEB)

Have a look what the booklet for
Hex(1B5DEB) contains.

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Color

Hex(1B5DEB)

Conversions

Conversions Part 1

Format	Color
Hex	1B5DEB
RGB	27, 93, 235
RGB Percent	11%, 36%, 92%
CMY	0.8941, 0.6353, 0.0784
CMYK	0.89, 0.60, 0.00, 0.08
HSL	221°, 84%, 51%
HSV	221°, 89%, 92%
XYZ	19.3617, 14.0599, 80.2906
YIQ	89.4540, -84.9180, 30.1700

Conversions

Conversions Part 2

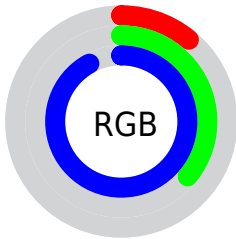
Format	Color
R _Y B	27, 77, 235
Decimal	1793515
CIE Lab	44.32, 34.20, -76.69
CIE LCh	44, 83.973, 294.036
Yxy	14.0599, 0.1703, 0.1236
Android (android.graphics.Color)	4279983595 (0xFF1B5DEB)
YUV	89.4540, 71.7542, -54.7722
Hunter-Lab	37.4965, 26.5516, -100.7091

Details

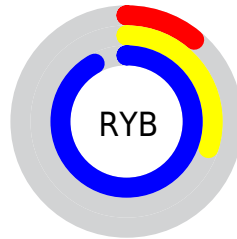
The Hex color **1B5DEB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EBA91B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **738FFF**, and **0030B2** is the 20% darker color. If you saturate the color by 10%, you get **034DEB**, and if you desaturate by 10%, it is **326DEB**.

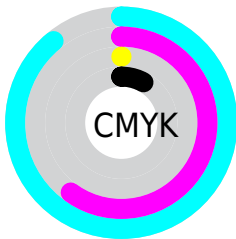
Distribution



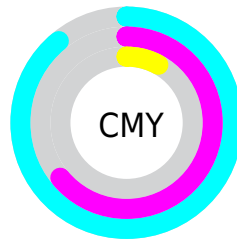
- Red (11%)
- Green (36%)
- Blue (92%)



- Red (11%)
- Yellow (30%)
- Blue (92%)



- Cyan (89%)
- Magenta (60%)
- Yellow (0%)
- Black (8%)



- Cyan (89%)
- Magenta (64%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5DEB 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 1B5DEB by changing the saturation by 10% instead.

 1B5DEB

 1B5DEB

FFFFFF

 0046CE

 738FFF

 0030B2

 94A9FF

 001D96

 B3C4FF

 000C7C

 D3E0FF

 000862

 F2FDFF

 000949

 000431

 00011B

 000000

■ 1B5DEB

■ 1B5DEB

■ 034DEB

■ 326DEB

■ 004BEB

■ 4A7DEB

■ 618DEB

■ 799DEB

■ 90ADEB

■ A8BDEB

■ BFCDEB

■ D7DDEB

■ EEEDEB

Harmonies

Analogous

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



0077F7



1B5DEB



AB2BBC

Triad

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



1B5DEB



BD3D00



008358

Complementary

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



1B5DEB



EBA91B

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.



007F00



1B5DEB



8C6100

Square

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



1B5DEB



DA0036



497500



0085A0

Rectangle

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



1B5DEB



CE0091



497500



00823F

Sweetspot

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



1B5DEB



BAD0FF



1BEBA6



576480



000000



808080

Same Dimension

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



1B5DEB



0051FF



3E1BEB



6A6D75



0039B5



001136

Inverse Universe

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



EB1B5D



FF0051



C8EB1B



756A6D



B50039



360011

Previews

White Background



This preview shows how the Hex color 1B5DEB looks on a white background.

Color Contrast Check

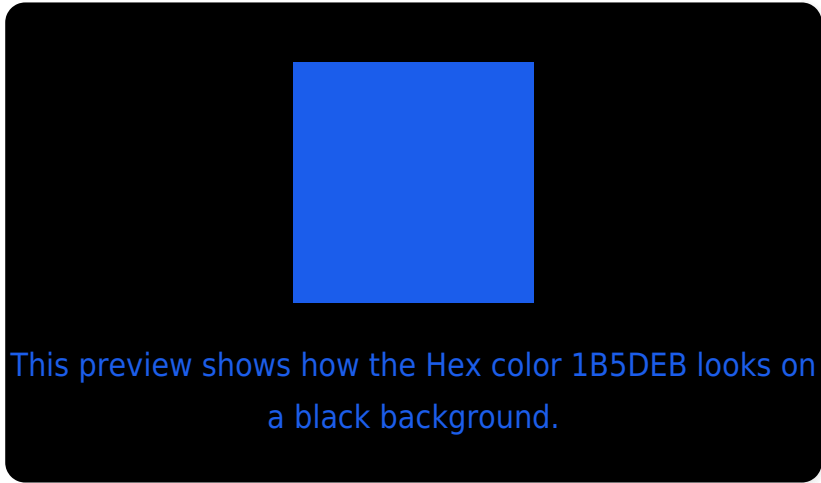
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B5DEB Background



This preview shows how black text looks on a background with the Hex color 1B5DEB.

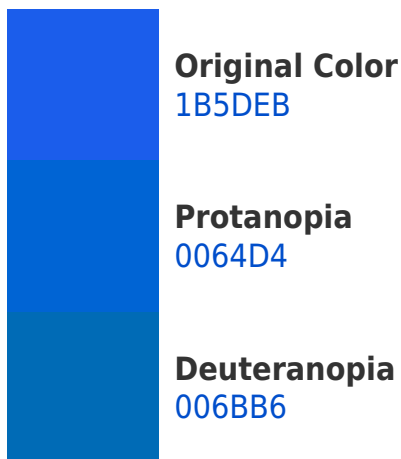


This preview shows how white text looks on a background with the Hex color 1B5DEB.

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](#).

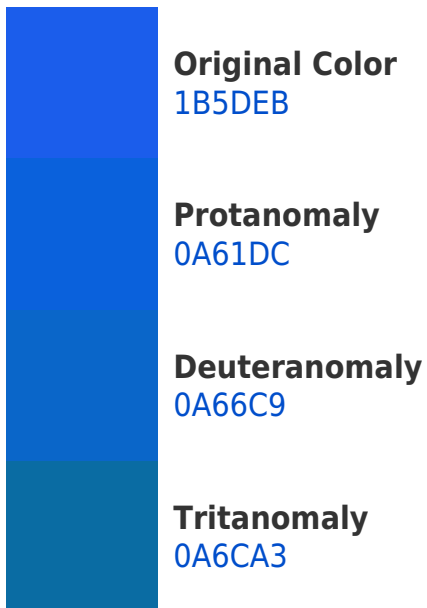
Dichromacy





Tritanopia
00747A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5DEB 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 #1B5DEB looks like.

```
.text, #text, p{  
    color:#1B5DEB  
}
```

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 #1B5DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5DEB
}
```

Border

The CSS property to change the border of an element to Hex 1B5DEB 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
#1B5DEB }
```

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

```
.border{ border-color:#1B5DEB }
```

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

Here you see how a box with a 4 pixel #1B5DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5DEB; -webkit-box-shadow:4px 4px  
4px 4px #1B5DEB; box-shadow:4px 4px 4px  
4px #1B5DEB }
```

Background

The CSS property to change the background color of an element to Hex 1B5DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5DEB }
```

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

```
.background{ background-color:#1B5DEB }
```

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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