

Converting Colors

Hex(1B3BEC)

Have a look what the booklet for
Hex(1B3BEC) contains.

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Color

Hex(1B3BEC)

Conversions

Conversions Part 1

Format	Color
Hex	1B3BEC
RGB	27, 59, 236
RGB Percent	11%, 23%, 93%
CMY	0.8941, 0.7686, 0.0745
CMYK	0.89, 0.75, 0.00, 0.07
HSL	231°, 85%, 52%
HSV	231°, 89%, 93%
XYZ	17.1563, 9.4171, 80.2703
YIQ	69.6100, -75.8890, 48.2630

Conversions

Conversions Part 2

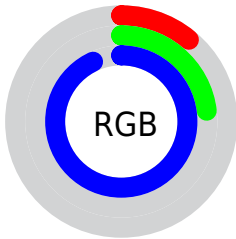
Format	Color
RYB	27, 55, 236
Decimal	1784812
CIELab	36.78, 55.09, -89.68
CIElCh	37, 105.253, 301.564
Yxy	9.4171, 0.1606, 0.0881
Android (android.graphics.Color)	4279974892 (0xFF1B3BEC)
YUV	69.6100, 82.0303, -37.3690
Hunter-Lab	30.6872, 46.0911, -133.6071

Details

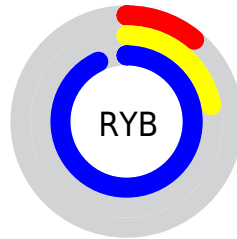
The Hex color **1B3BEC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **ECCC1B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **766CFF**, and **000DB3** is the 20% darker color. If you saturate the color by 10%, you get **0327EC**, and if you desaturate by 10%, it is **334FEC**.

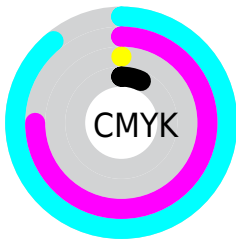
Distribution



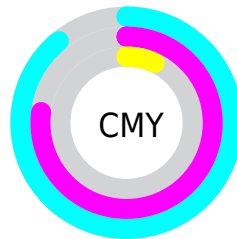
- Red (11%)
- Green (23%)
- Blue (93%)



- Red (11%)
- Yellow (22%)
- Blue (93%)



- Cyan (89%)
- Magenta (75%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (77%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3BEC 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 1B3BEC by changing the saturation by 10% instead.

 1B3BEC

 1B3BEC

FFFFFF

 0024CF

 766CFF

 000DB3

 9786FF

 000097

 B8A0FF

 00007C

 D8BCFF

 000F62

 F8D8FF

 000949

 FFF5FF

 000431

 00011B

 000000

■ 1B3BEC

■ 1B3BEC

■ 0327EC

■ 334FEC

■ 0024EC

■ 4A63EC

■ 6277EC

■ 798BEC

■ 919FEC

■ A9B3EC

■ C0C7EC

■ D8DBEC

■ EFEFEC

Harmonies

Analogous

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



0065FF



1B3BEC



B700A9

Triad

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



1B3BEC



A62600



007259

Complementary

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



1B3BEC



ECCC1B

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



1B3BEC



675600

Square

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



1B3BEC



D10001



006800



0074AF

Rectangle

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



1B3BEC



D60072



006800



00713B

Sweetspot

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



1B3BEC



BAC5FF



1BECC9



575D80



000000



808080

Same Dimension

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



1B3BEC



0027FF



611BEC



6A6B75



001CB5



000836

Inverse Universe

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



EC1B3B



FF0027



A6EC1B



756A6B



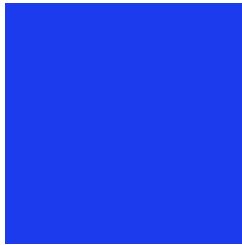
B5001C



360008

Previews

White Background



This preview shows how the Hex color 1B3BEC looks on a white background.

Color Contrast Check

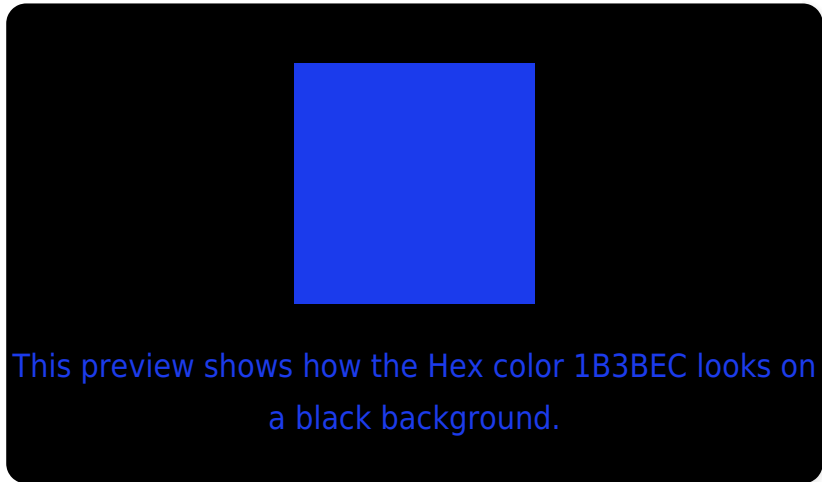
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

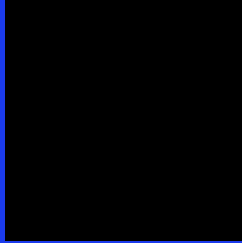
Any Text WCAG AA × Fail

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 1B3BEC Background



This preview shows how black text looks on a background with the Hex color 1B3BEC.



This preview shows how white text looks on a background with the Hex color 1B3BEC.

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
005F64

Trichromacy



Original Color
1B3BEC

Protanomaly
0A4AC5

Deuteranomaly
0A4DB4

Tritanomaly
0A5295

Monochromacy



Original Color
1B3BEC

Achromatopsia
464646

Achromatomaly
364282

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3BEC 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 #1B3BEC looks like.

```
.text, #text, p{  
    color:#1B3BEC  
}
```

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 #1B3BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3BEC
}
```

Border

The CSS property to change the border of an element to Hex 1B3BEC 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
#1B3BEC }
```

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

```
.border{ border-color:#1B3BEC }
```

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

Here you see how a box with a 4 pixel #1B3BEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3BEC; -webkit-box-shadow:4px 4px  
4px 4px #1B3BEC; box-shadow:4px 4px 4px  
4px #1B3BEC }
```

Background

The CSS property to change the background color of an element to Hex 1B3BEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3BEC }
```

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

```
.background{ background-color:#1B3BEC }
```

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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