

Converting Colors

Hex(1B6CBD)

Have a look what the booklet for
Hex(1B6CBD) contains.

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Color

Hex(1B6CBD)

Conversions

Conversions Part 1

Format	Color
Hex	1B6CBD
RGB	27, 108, 189
RGB Percent	11%, 42%, 74%
CMY	0.8941, 0.5765, 0.2588
CMYK	0.86, 0.43, 0.00, 0.26
HSL	210°, 75%, 42%
HSV	210°, 86%, 74%
XYZ	14.9999, 14.6323, 50.1778
YIQ	93.0150, -74.2770, 8.0190

Conversions

Conversions Part 2

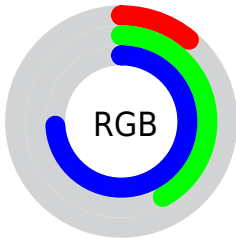
Format	Color
R_{YB}	27, 81, 189
Decimal	1797309
CIE Lab	45.13, 6.72, -49.09
CIE LCh	45, 49.551, 277.800
Yxy	14.6323, 0.1879, 0.1833
Android (android.graphics.Color)	4279987389 (0xFF1B6CBD)
YUV	93.0150, 47.3206, -57.8952
Hunter-Lab	38.2521, 3.0542, -50.9981

Details

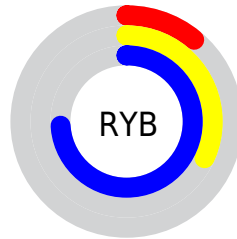
The Hex color **1B6CBD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BD6C1B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **669FF6**, and **003E87** is the 20% darker color. If you saturate the color by 10%, you get **0863BD**, and if you desaturate by 10%, it is **2E75BD**.

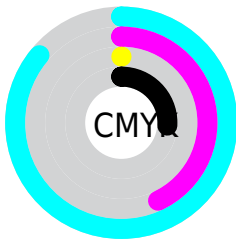
Distribution



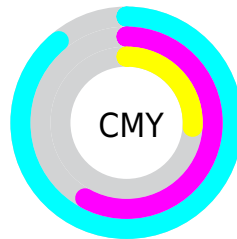
- Red (11%)
- Green (42%)
- Blue (74%)



- Red (11%)
- Yellow (32%)
- Blue (74%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (89%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6CBD 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 1B6CBD by changing the saturation by 10% instead.

■ 1B6CBD

■ 1B6CBD

FFFFFF

■ 0054A2

■ 669FF6

■ 003E87

■ 84BAFF

■ 00296D

■ A2D5FF

■ 001554

■ C0F1FF

■ 00063C

■ DEFFF

■ 000226

■ FCFFF

■ 00010F

■ 000000

■ 1B6CBD

■ 1B6CBD

■ 0863BD

■ 2E75BD

■ 005FBD

■ 417FBD

■ 5488BD

■ 6792BD

■ 7A9BBD

■ 8CA5BD

■ 9FAEBD

■ B2B8BD

■ C5C1BD

Harmonies

Analogous

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



0077B7



1B6CBD



7A5BAD

Triad

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



1B6CBD



AF4C3A



007C4A

Complementary

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



1B6CBD



BD6C1B

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.



497624



1B6CBD



985D19

Square

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



1B6CBD



B54262



766C0A



007E75

Rectangle

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



1B6CBD



9A4F97



766C0A



197B3C

Sweetspot

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



1B6CBD



B5D5F5



1BBD6C



54677A



F9FAFA



7A7A7A

Same Dimension

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



1B6CBD



007AF5



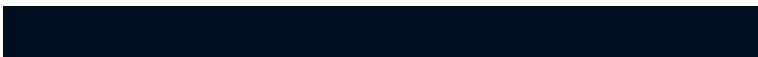
1B1BBD



555A5E



004F9E



000F1F

Inverse Universe

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



BD1B6C



F5007A



BDBD1B



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 1B6CBD looks on a white background.

Color Contrast Check

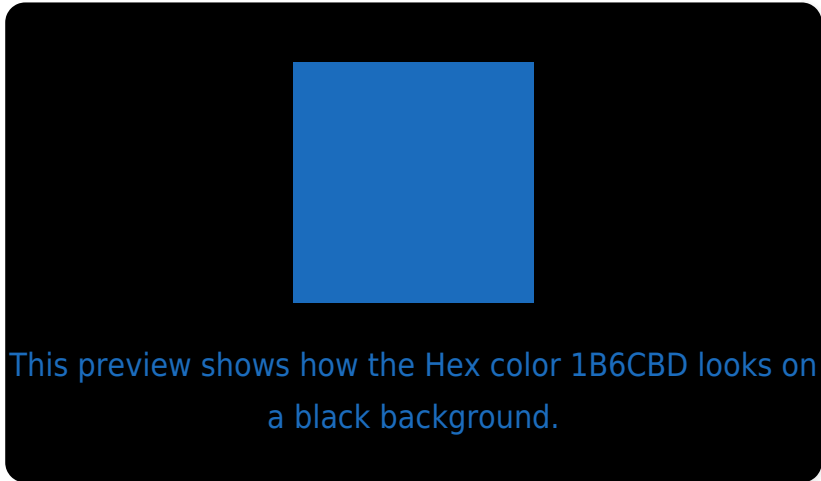
Large Text (above 18pt) WCAG AA ✓ Pass

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

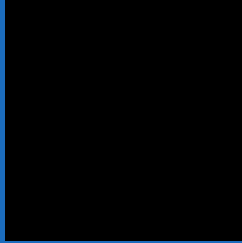
Any Text WCAG AA × Fail

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 1B6CBD Background



This preview shows how black text looks on a background with the Hex color 1B6CBD.



This preview shows how white text looks on a background with the Hex color 1B6CBD.

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](#).

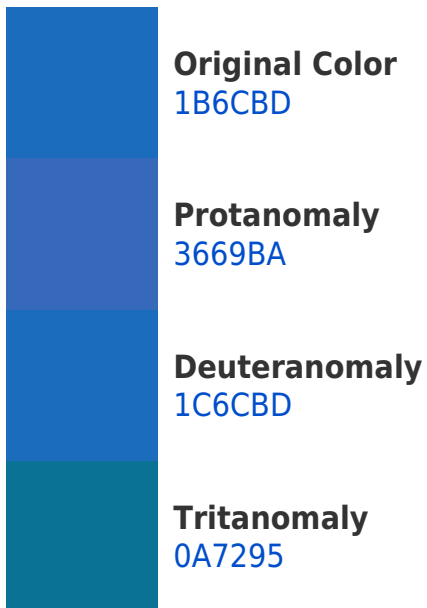
Dichromacy



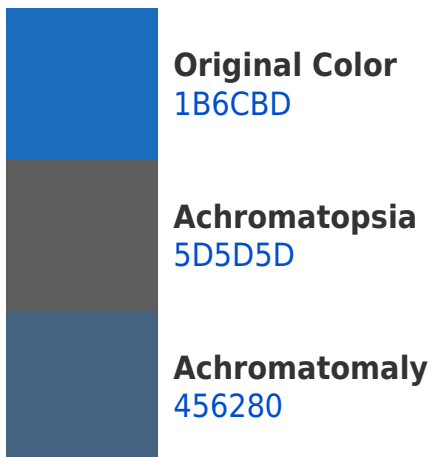


Tritanopia
00767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6CBD 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 #1B6CBD looks like.

```
.text, #text, p{  
    color:#1B6CBD  
}
```

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 #1B6CBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6CBD
}
```

Border

The CSS property to change the border of an element to Hex 1B6CBD 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
#1B6CBD }
```

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

```
.border{ border-color:#1B6CBD }
```

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

Here you see how a box with a 4 pixel #1B6CBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6CBD; -webkit-box-shadow:4px 4px  
4px 4px #1B6CBD; box-shadow:4px 4px 4px  
4px #1B6CBD }
```

Background

The CSS property to change the background color of an element to Hex 1B6CBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6CBD }
```

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

```
.background{ background-color:#1B6CBD }
```

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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