

Converting Colors

Hex(1B6BD9)

Have a look what the booklet for
Hex(1B6BD9) contains.

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Color

Hex(1B6BD9)

Conversions

Conversions Part 1

Format	Color
Hex	1B6BD9
RGB	27, 107, 217
RGB Percent	11%, 42%, 85%
CMY	0.8941, 0.5804, 0.1490
CMYK	0.88, 0.51, 0.00, 0.15
HSL	215°, 78%, 48%
HSV	215°, 88%, 85%
XYZ	18.2341, 15.7582, 67.7262
YIQ	95.6200, -82.9900, 17.2500

Conversions

Conversions Part 2

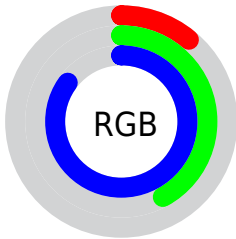
Format	Color
R_{YB}	27, 83, 217
Decimal	1797081
CIE Lab	46.66, 18.30, -62.70
CIE LCh	47, 65.315, 286.275
Yxy	15.7582, 0.1793, 0.1549
Android (android.graphics.Color)	4279987161 (0xFF1B6BD9)
YUV	95.6200, 59.8403, -60.1797
Hunter-Lab	39.6965, 12.5226, -73.3670

Details

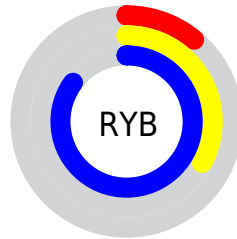
The Hex color **1B6BD9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D9891B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6D9EFF**, and **003DA1** is the 20% darker color. If you saturate the color by 10%, you get **055ED9**, and if you desaturate by 10%, it is **3178D9**.

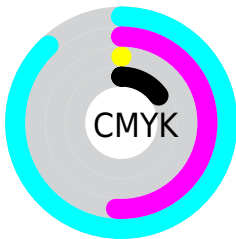
Distribution



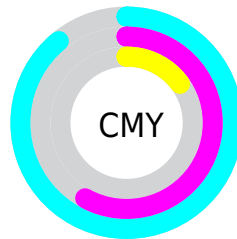
- Red (11%)
- Green (42%)
- Blue (85%)



- Red (11%)
- Yellow (33%)
- Blue (85%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6BD9 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 1B6BD9 by changing the saturation by 10% instead.

 1B6BD9

 1B6BD9

FFFFFF

 0053BD

 6D9EFF

 003DA1

 8DB8FF

 002986

 ACD4FF

 00166C

 CAF0FF

 000853

 E9FFFF

 00063B

 000224

 00000C

 000000

■ 1B6BD9

■ 1B6BD9

■ 055ED9

■ 3178D9

■ 005BD9

■ 4684D9

■ 5C91D9

■ 729DD9

■ 87AAD9

■ 9DB6D9

■ B3C3D9

■ C9D0D9

■ DEDCD9

Harmonies

Analogous

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



007CDA



1B6BD9



9550BB

Triad

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



1B6BD9



BE491F



008553

Complementary

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



1B6BD9



D9891B

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.



1F8017



1B6BD9



9B6300

Square

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



1B6BD9



CE2F53



6A7500



00878C

Rectangle

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



1B6BD9



B83C9C



6A7500



00843F

Sweetspot

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



1B6BD9



BDD9FF



1BD987



586980



000000



808080

Same Dimension

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



1B6BD9



006BFF



281BD9



63676E



0049AD



00132E

Inverse Universe

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



D91B6B



FF006B



CCD91B



6E6367



AD0049



2E0013

Previews

White Background



This preview shows how the Hex color 1B6BD9 looks on a white background.

Color Contrast Check

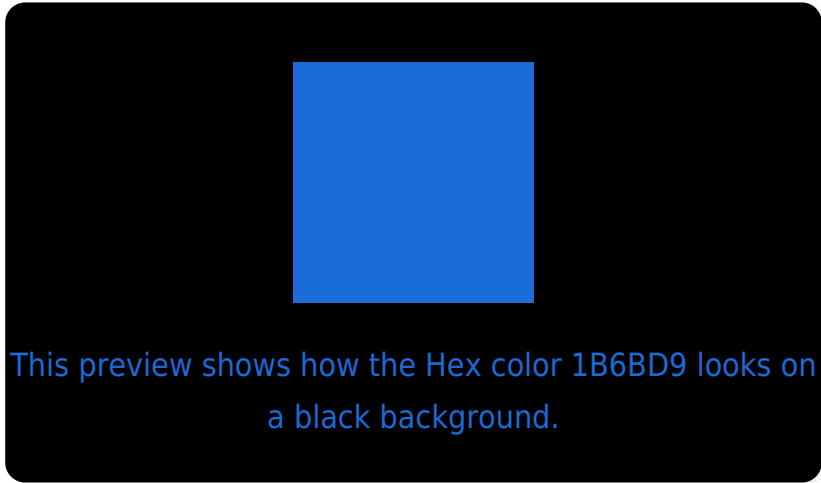
Large Text (above 18pt) WCAG AA ✓ Pass

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

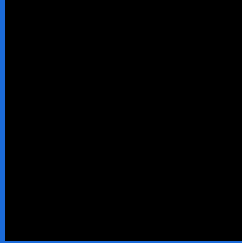
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

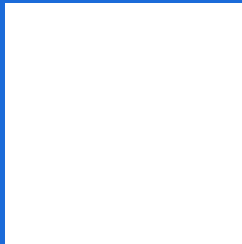
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1B6BD9 Background



This preview shows how black text looks on a background with the Hex color 1B6BD9.



This preview shows how white text looks on a background with the Hex color 1B6BD9.

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](#).

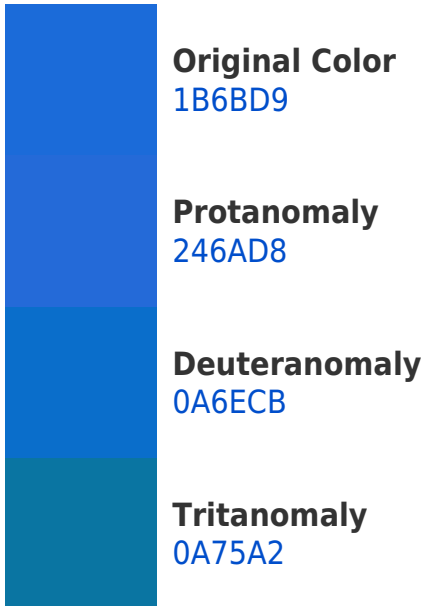
Dichromacy





Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6BD9 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 #1B6BD9 looks like.

```
.text, #text, p{  
    color:#1B6BD9  
}
```

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 #1B6BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6BD9
}
```

Border

The CSS property to change the border of an element to Hex 1B6BD9 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
#1B6BD9 }
```

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

```
.border{ border-color:#1B6BD9 }
```

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

Here you see how a box with a 4 pixel #1B6BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6BD9; -webkit-box-shadow:4px 4px  
4px 4px #1B6BD9; box-shadow:4px 4px 4px  
4px #1B6BD9 }
```

Background

The CSS property to change the background color of an element to Hex 1B6BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6BD9 }
```

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

```
.background{ background-color:#1B6BD9 }
```

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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