

Converting Colors

Hex(1B60C8)

Have a look what the booklet for
Hex(1B60C8) contains.

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Color

Hex(1B60C8)

Conversions

Conversions Part 1

Format	Color
Hex	1B60C8
RGB	27, 96, 200
RGB Percent	11%, 38%, 78%
CMY	0.8941, 0.6235, 0.2157
CMYK	0.87, 0.52, 0.00, 0.22
HSL	216°, 76%, 45%
HSV	216°, 87%, 78%
XYZ	15.0602, 12.7689, 56.3145
YIQ	87.2250, -74.5080, 17.7160

Conversions

Conversions Part 2

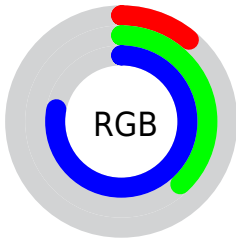
Format	Color
RYB	27, 76, 200
Decimal	1794248
CIELab	42.41, 18.78, -59.83
CIELCh	42, 62.707, 287.429
Yxy	12.7689, 0.1790, 0.1518
Android (android.graphics.Color)	4279984328 (0xFF1B60C8)
YUV	87.2250, 55.5981, -52.8173
Hunter-Lab	35.7336, 12.6964, -68.4248

Details

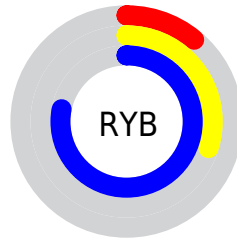
The Hex color **1B60C8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **C8831B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6992FF**, and **003391** is the 20% darker color. If you saturate the color by 10%, you get **0754C8**, and if you desaturate by 10%, it is **2F6CC8**.

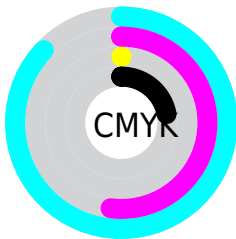
Distribution



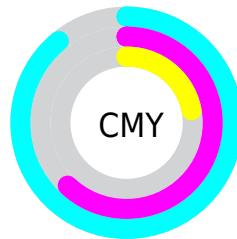
- Red (11%)
- Green (38%)
- Blue (78%)



- Red (11%)
- Yellow (30%)
- Blue (78%)



- Cyan (87%)
- Magenta (52%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B60C8 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 1B60C8 by changing the saturation by 10% instead.

 1B60C8

 1B60C8

FFFFFF

 0049AC

 6992FF

 003391

 88ACFF

 002077

 A6C7FF

 00085D

 C5E3FF

 000845

 E3FFFF

 00032D

 000118

 000000

 1B60C8

 1B60C8

0754C8

2F6CC8

0050C8

4378C8

5784C8

6B90C8

7F9CC8

93A8C8

A7B4C8

BBC0C8

CFCCC8

Harmonies

Analogous

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



0071CA



1B60C8



8B46AB

Triad

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



1B60C8



AD4116



00794C

Complementary

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



1B60C8



C8831B

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.



0E7512



1B60C8



8C5A00

Square

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



1B60C8



BE2649



5E6B00



007B82

Rectangle

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



1B60C8



AA328D



5E6B00



00783A

Sweetspot

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



1B60C8



BDD7FF



1BC883



586880



000000



808080

Same Dimension

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



1B60C8



0066FF



2C1BC8



5A5D63



0041A3



000E24

Inverse Universe

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



C81B60



FF0066



B7C81B



635A5D



A30041



24000E

Previews

White Background



This preview shows how the Hex color 1B60C8 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



This preview shows how the Hex color 1B60C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

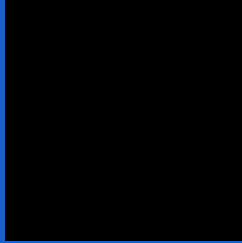
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

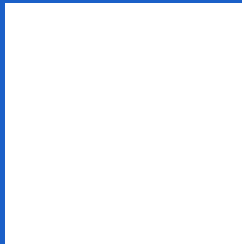
Any Text WCAG AAA × Fail

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

Hex 1B60C8 Background



This preview shows how black text looks on a background with the Hex color 1B60C8.



This preview shows how white text looks on a background with the Hex color 1B60C8.

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](#).

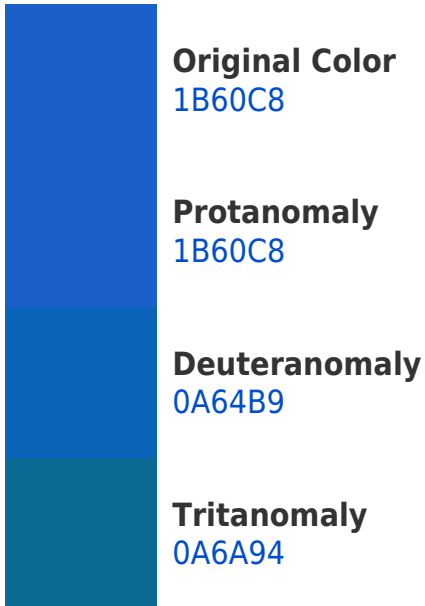
Dichromacy



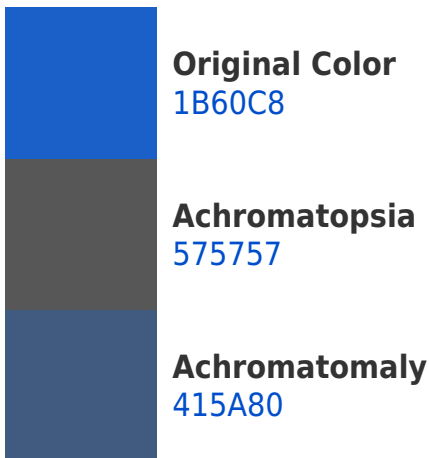


Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B60C8 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 #1B60C8 looks like.

```
.text, #text, p{  
    color:#1B60C8  
}
```

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 #1B60C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B60C8
}
```

Border

The CSS property to change the border of an element to Hex 1B60C8 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
#1B60C8 }
```

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

```
.border{ border-color:#1B60C8 }
```

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

Here you see how a box with a 4 pixel #1B60C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B60C8; -webkit-box-shadow:4px 4px  
4px 4px #1B60C8; box-shadow:4px 4px 4px  
4px #1B60C8 }
```

Background

The CSS property to change the background color of an element to Hex 1B60C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B60C8 }
```

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

```
.background{ background-color:#1B60C8 }
```

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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