

Converting Colors

Hex(1B1BC2)

Have a look what the booklet for
Hex(1B1BC2) contains.

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Color

Hex(1B1BC2)

Conversions

Conversions Part 1

Format	Color
Hex	1B1BC2
RGB	27, 27, 194
RGB Percent	11%, 11%, 76%
CMY	0.8941, 0.8941, 0.2392
CMYK	0.86, 0.86, 0.00, 0.24
HSL	240°, 76%, 43%
HSV	240°, 86%, 76%
XYZ	10.5815, 4.9119, 51.4293
YIQ	46.0380, -53.6070, 51.9370

Conversions

Conversions Part 2

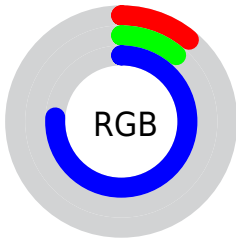
Format	Color
R_{YB}	27, 27, 194
Decimal	1776578
CIE _{Lab}	26.48, 57.42, -82.51
CIE _{LCh}	26, 100.524, 304.834
Yxy	4.9119, 0.1581, 0.0734
Android (android.graphics.Color)	4279966658 (0xFF1B1BC2)
YUV	46.0380, 72.9453, -16.6963
Hunter-Lab	22.1629, 46.4389, -122.0696

Details

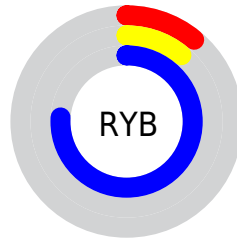
The Hex color **1B1BC2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **C2C21B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6D4DFC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **0808C2**, and if you desaturate by 10%, it is **2E2EC2**.

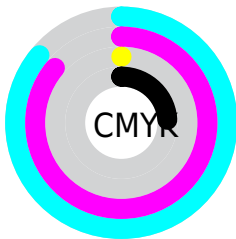
Distribution



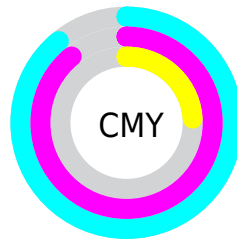
- Red (11%)
- Green (11%)
- Blue (76%)



- Red (11%)
- Yellow (11%)
- Blue (76%)



- Cyan (86%)
- Magenta (86%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1BC2 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 1B1BC2 by changing the saturation by 10% instead.



1B1BC2



1B1BC2

FFFFFF



0000A6



6D4DFC



00008B



8D67FF



000070



AC81FF



000C56



CB9CFF



00063E



EAB7FF



000327



FFD4FF



000111



FFF0FF



000000



1B1BC2



1B1BC2

■ 0808C2

■ 2E2EC2

■ 0000C2

■ 4242C2

■ 5555C2

■ 6969C2

■ 7C7CC2

■ 8F8FC2

■ A3A3C2

■ B6B6C2

■ CACAC2

Harmonies

Analogous

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



004BE0



1B1BC2



9B0082

Triad

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



1B1BC2



7E1500



00554A

Complementary

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



1B1BC2



C2C21B

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.



005300



1B1BC2



434100

Square

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



1B1BC2



A70000



004F00



005897

Rectangle

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



1B1BC2



B20050



004F00



00552F

Sweetspot

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



1B1BC2



BBBBFC



1BC2C2



585880



000000



808080

Same Dimension

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



1B1BC2



0000FC



6E1BC2



575761



0000A1



000021

Inverse Universe

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



C21BC2



FC00FC



6EC21B



615761



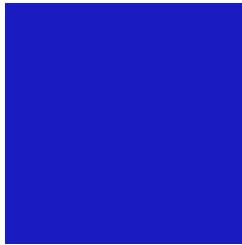
A100A1



210021

Previews

White Background



This preview shows how the Hex color 1B1BC2 looks on a white background.

Color Contrast Check

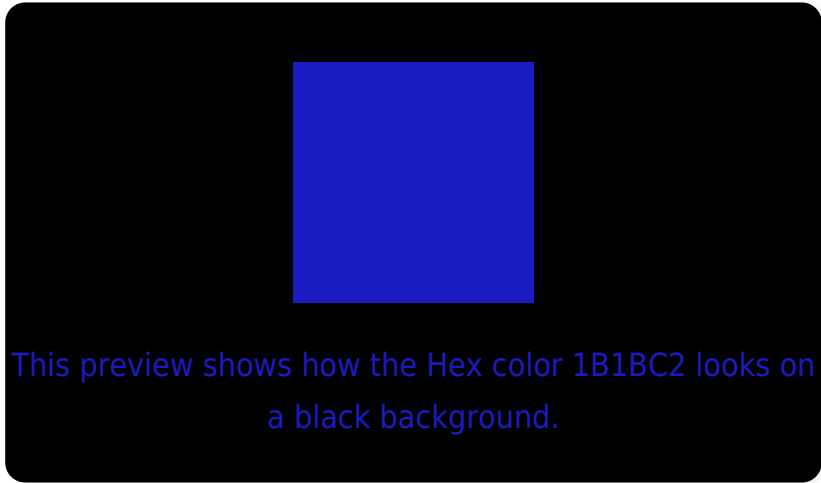
Large Text (above 18pt) WCAG AA ✓ Pass

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

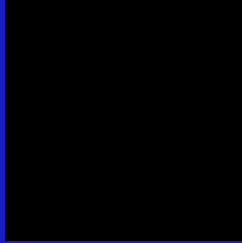
Any Text WCAG AA × Fail

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 1B1BC2 Background



This preview shows how black text looks on a background with the Hex color 1B1BC2.



This preview shows how white text looks on a background with the Hex color 1B1BC2.

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



Original Color
1B1BC2

Protanopia
003D80

Deuteranopia
00416C

Trichromacy



Original Color
1B1BC2

Protanomaly
0A3198

Deuteranomaly
0A338B

Tritanomaly
0A3675

Monochromacy



Original Color
1B1BC2

Achromatopsia
2E2E2E

Achromatomaly
272764

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1BC2 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 #1B1BC2 looks like.

```
.text, #text, p{  
    color:#1B1BC2  
}
```

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 #1B1BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1BC2
}
```

Border

The CSS property to change the border of an element to Hex 1B1BC2 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
#1B1BC2 }
```

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

```
.border{ border-color:#1B1BC2 }
```

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

Here you see how a box with a 4 pixel #1B1BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1BC2; -webkit-box-shadow:4px 4px  
4px 4px #1B1BC2; box-shadow:4px 4px 4px  
4px #1B1BC2 }
```

Background

The CSS property to change the background color of an element to Hex 1B1BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1BC2 }
```

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

```
.background{ background-color:#1B1BC2 }
```

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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