

Converting Colors

Hex(1B02C1)

Have a look what the booklet for
Hex(1B02C1) contains.

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Color

Hex(1B02C1)

Conversions

Conversions Part 1

Format	Color
Hex	1B02C1
RGB	27, 2, 193
RGB Percent	11%, 1%, 76%
CMY	0.8941, 0.9922, 0.2431
CMYK	0.86, 0.99, 0.00, 0.24
HSL	248°, 98%, 38%
HSV	248°, 99%, 76%
XYZ	10.0993, 4.1267, 50.7163
YIQ	31.2490, -46.4110, 64.7010

Conversions

Conversions Part 2

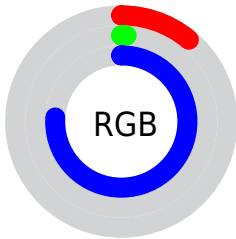
Format	Color
R_{YB}	27, 2, 193
Decimal	1770177
CIE Lab	24.09, 64.04, -85.92
CIE LCh	24, 107.159, 306.698
Yxy	4.1267, 0.1555, 0.0635
Android (android.graphics.Color)	4279960257 (0xFF1B02C1)
YUV	31.2490, 79.7432, -3.7264
Hunter-Lab	20.3142, 53.1924, -133.8028

Details

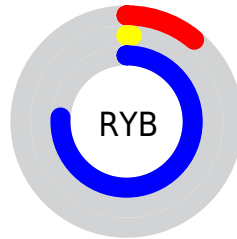
The Hex color **1B02C1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A8C102**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6E40FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **1900C1**, and if you desaturate by 10%, it is **2C15C1**.

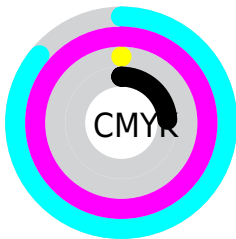
Distribution



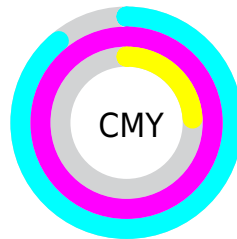
- Red (11%)
- Green (1%)
- Blue (76%)



- Red (11%)
- Yellow (1%)
- Blue (76%)



- Cyan (86%)
- Magenta (99%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (99%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B02C1 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 1B02C1 by changing the saturation by 10% instead.

■ 1B02C1

■ 1B02C1

FFFFFF

■ 0000A5

■ 6E40FB

■ 00008A

■ 8E5AFF

■ 00006F

■ AD74FF

■ 000C55

■ CD8FFF

■ 00063D

■ ECABFF

■ 000326

■ FFC7FF

■ 000110

■ FFE4FF

■ 000000

■ 1B02C1

■ 1B02C1

■ 1900C1

■ 2C15C1

■ 3D29C1

■ 4D3CC1

■ 5E4FC1

■ 6F62C1

■ 8076C1

■ 9089C1

■ A19CC1

■ B2B0C1

Harmonies

Analogous

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



0046E4



1B02C1



9C007B

Triad

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



1B02C1



760D00



00504B

Complementary

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



1B02C1



A8C102

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.



004E00



1B02C1



373D00

Square

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



1B02C1



A20000



004A00



00539C

Rectangle

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



1B02C1



B20047



004A00



004F2E

Sweetspot

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



1B02C1



B9AFFA



02ABC1



56507D



FCFCFC



7D7D7D

Same Dimension

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



1B02C1



2100FA



7802C1



585761



1500A1



040021

Inverse Universe

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



C102A8



FA00D9



4BC102



615760



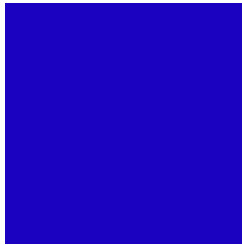
A1008C



21001D

Previews

White Background



This preview shows how the Hex color 1B02C1 looks on a white background.

Color Contrast Check

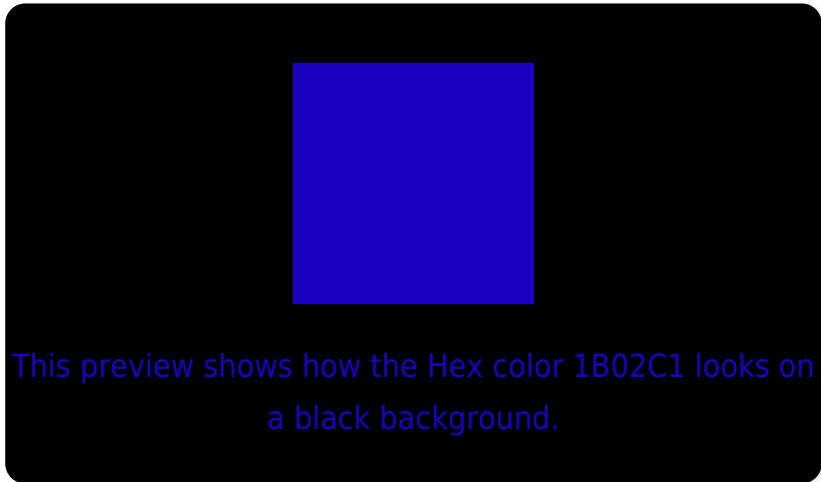
Large Text (above 18pt) WCAG AA ✓ Pass

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

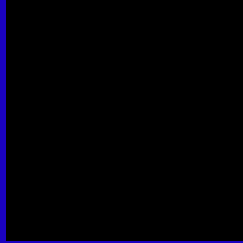
Any Text WCAG AA × Fail

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 1B02C1 Background



This preview shows how black text looks on a background with the Hex color 1B02C1.



This preview shows how white text looks on a background with the Hex color 1B02C1.

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
1B02C1

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
1B02C1

Protanomaly
0A2593

Deuteranomaly
0A2887

Tritanomaly
0A2B72

Monochromacy



Original Color
1B02C1

Achromatopsia
1F1F1F

Achromatomaly
1E145A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B02C1 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 #1B02C1 looks like.

```
.text, #text, p{  
    color:#1B02C1  
}
```

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 #1B02C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B02C1
}
```

Border

The CSS property to change the border of an element to Hex 1B02C1 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
#1B02C1 }
```

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

```
.border{ border-color:#1B02C1 }
```

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

Here you see how a box with a 4 pixel #1B02C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B02C1; -webkit-box-shadow:4px 4px  
4px 4px #1B02C1; box-shadow:4px 4px 4px  
4px #1B02C1 }
```

Background

The CSS property to change the background color of an element to Hex 1B02C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B02C1 }
```

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

```
.background{ background-color:#1B02C1 }
```

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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