

Converting Colors

Hex(1B03C9)

Have a look what the booklet for
Hex(1B03C9) contains.

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Color

Hex(1B03C9)

Conversions

Conversions Part 1

Format	Color
Hex	1B03C9
RGB	27, 3, 201
RGB Percent	11%, 1%, 79%
CMY	0.8941, 0.9882, 0.2118
CMYK	0.87, 0.99, 0.00, 0.21
HSL	247°, 97%, 40%
HSV	247°, 99%, 79%
XYZ	11.0272, 4.5152, 55.5487
YIQ	32.7480, -49.2540, 66.6660

Conversions

Conversions Part 2

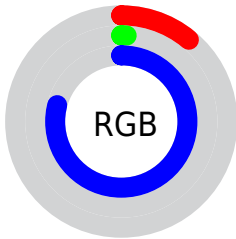
Format	Color
R_{YB}	27, 3, 201
Decimal	1770441
CIE _{Lab}	25.31, 65.82, -88.59
CIE _{LCh}	25, 110.365, 306.610
Yxy	4.5152, 0.1551, 0.0635
Android (android.graphics.Color)	4279960521 (0xFF1B03C9)
YUV	32.7480, 82.9482, -5.0410
Hunter-Lab	21.2490, 55.4471, -140.1206

Details

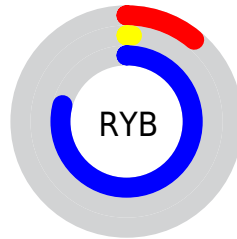
The Hex color **1B03C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B1C903**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7041FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **1800C9**, and if you desaturate by 10%, it is **2D17C9**.

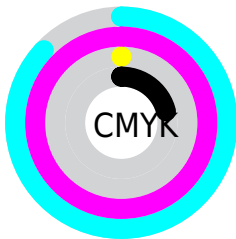
Distribution



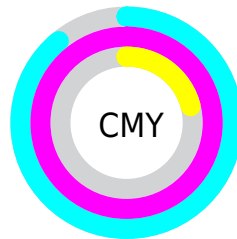
- Red (11%)
- Green (1%)
- Blue (79%)



- Red (11%)
- Yellow (1%)
- Blue (79%)



- Cyan (87%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B03C9 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 1B03C9 by changing the saturation by 10% instead.

■ 1B03C9

■ 1B03C9

FFFFFF

■ 0000AD

■ 7041FF

■ 000091

■ 915CFF

■ 000076

■ B076FF

■ 000C5C

■ D091FF

■ 000744

■ EFADFF

■ 00032D

■ FFC9FF

■ 000117

■ FFE6FF

■ 000000

■ 1B03C9

■ 1B03C9

■ 1800C9

■ 2D17C9

■ 3E2BC9

■ 503FC9

■ 6253C9

■ 7368C9

■ 857CC9

■ 9790C9

■ A8A4C9

■ BAB8C9

Harmonies

Analogous

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



0049ED



1B03C9



A30081

Triad

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



1B03C9



7B0E00



00544E

Complementary

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



1B03C9



B1C903

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.



005100



1B03C9



3A4000

Square

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



1B03C9



A90000



004D00



0057A2

Rectangle

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



1B03C9



BA004A



004D00



005330

Sweetspot

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



1B03C9



BCB3FF



03B2C9



575280



000000



808080

Same Dimension

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



1B03C9



1F00FF



7D03C9



5B5A63



1400A3



040024

Inverse Universe

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



C903B1



FF00E0



4FC903



635A62



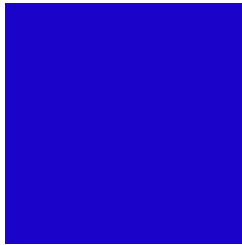
A3008F



24001F

Previews

White Background



This preview shows how the Hex color 1B03C9 looks on a white background.

Color Contrast Check

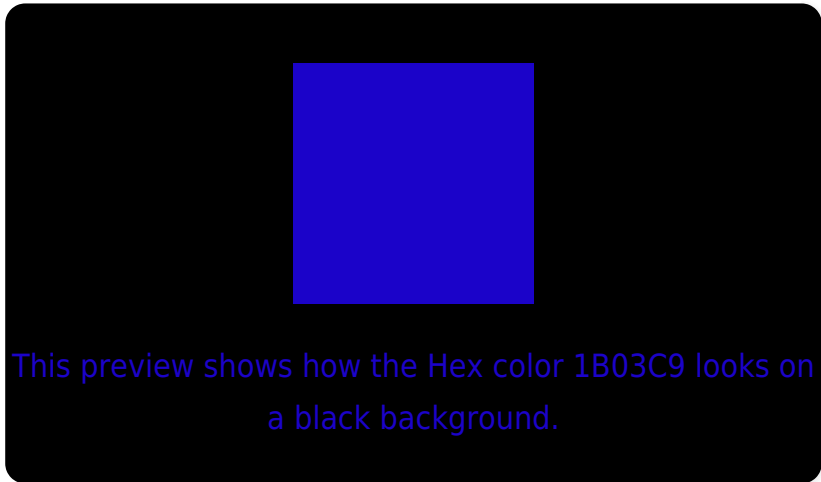
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B03C9 Background



This preview shows how black text looks on a background with the Hex color 1B03C9.



This preview shows how white text looks on a background with the Hex color 1B03C9.

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
1B03C9

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color
1B03C9

Protanomaly
0A2799

Deuteranomaly
0A2A8D

Tritanomaly
0A2D77

Monochromacy



Original Color
1B03C9

Achromatopsia
212121

Achromatomaly
1F165E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B03C9 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 #1B03C9 looks like.

```
.text, #text, p{  
    color:#1B03C9  
}
```

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 #1B03C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B03C9
}
```

Border

The CSS property to change the border of an element to Hex 1B03C9 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
#1B03C9 }
```

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

```
.border{ border-color:#1B03C9 }
```

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

Here you see how a box with a 4 pixel #1B03C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B03C9; -webkit-box-shadow:4px 4px  
4px 4px #1B03C9; box-shadow:4px 4px 4px  
4px #1B03C9 }
```

Background

The CSS property to change the background color of an element to Hex 1B03C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B03C9 }
```

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

```
.background{ background-color:#1B03C9 }
```

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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