

Converting Colors

Hex(1B09A3)

Have a look what the booklet for
Hex(1B09A3) contains.

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Color

Hex(1B09A3)

Conversions

Conversions Part 1

Format	Color
Hex	1B09A3
RGB	27, 9, 163
RGB Percent	11%, 4%, 64%
CMY	0.8941, 0.9647, 0.3608
CMYK	0.83, 0.94, 0.00, 0.36
HSL	247°, 90%, 34%
HSV	247°, 94%, 64%
XYZ	7.1605, 3.0727, 34.8660
YIQ	31.9380, -38.7060, 51.7100

Conversions

Conversions Part 2

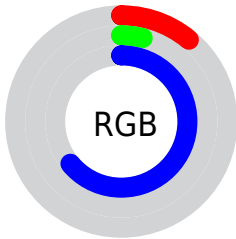
Format	Color
RYB	27, 9, 163
Decimal	1771939
CIELab	20.33, 54.57, -74.19
CIELCh	20, 92.093, 306.336
Yxy	3.0727, 0.1588, 0.0681
Android (android.graphics.Color)	4279962019 (0xFF1B09A3)
YUV	31.9380, 64.6136, -4.3306
Hunter-Lab	17.5292, 42.2397, -105.6589

Details

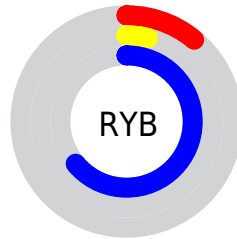
The Hex color **1B09A3** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **91A309**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **653FDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **1300A3**, and if you desaturate by 10%, it is **2919A3**.

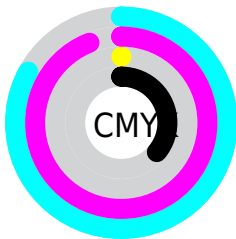
Distribution



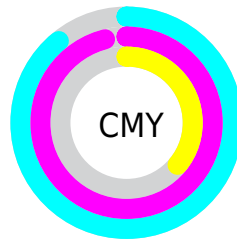
- Red (11%)
- Green (4%)
- Blue (64%)



- Red (11%)
- Yellow (4%)
- Blue (64%)



- Cyan (83%)
- Magenta (94%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (96%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B09A3 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 1B09A3 by changing the saturation by 10% instead.

 1B09A3

 1B09A3

 FFFDFF

 000088

 653FDB

 00006E

 8458F8

 000154

 A272FF

 00063C

 C08CFF

 000225

 DEA7FF

 00010E

 FDC3FF

 000000

 FFE0FF

 1B09A3

 1B09A3

■ 1300A3

■ 2919A3

■ 382AA3

■ 463AA3

■ 554AA3

■ 635AA3

■ 716BA3

■ 807BA3

■ 8E8BA3

■ 9D9CA3

Harmonies

Analogous

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



003BBF



1B09A3



840069

Triad

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



1B09A3



650D00



00453F

Complementary

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



1B09A3



91A309

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.



004300



1B09A3



313400

Square

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



1B09A3



8A0000



003F00



004783

Rectangle

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



1B09A3



97003D



003F00



004527

Sweetspot

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



1B09A3



9F98D4



0991A3



4B476B



EBEBEB



6B6B6B

Same Dimension

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



1B09A3



1900D4



6809A3



4A4952



110091



020012

Inverse Universe

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



A30991



D400BB



44A309



524951



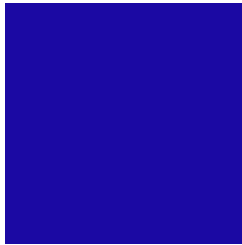
910080



120010

Previews

White Background



This preview shows how the Hex color 1B09A3 looks on a white background.

Color Contrast Check

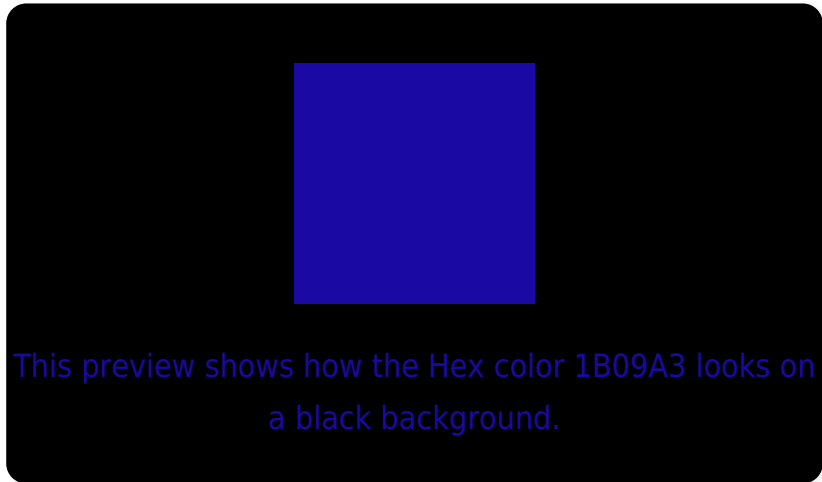
Large Text (above 18pt) WCAG AA ✓ Pass

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

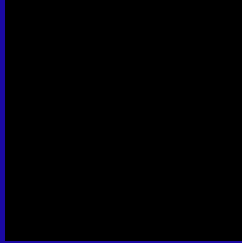
Any Text WCAG AA × Fail

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 1B09A3 Background



This preview shows how black text looks on a background with the Hex color 1B09A3.



This preview shows how white text looks on a background with the Hex color 1B09A3.

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
1B09A3

Protanopia
003167

Deuteranopia
003557



Tritanopia
00393B

Trichromacy



Original Color
1B09A3

Protanomaly
0A227D

Deuteranomaly
0A2573

Tritanomaly
0A2861

Monochromacy



Original Color
1B09A3

Achromatopsia
202020

Achromatomaly
1E1850

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B09A3 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 #1B09A3 looks like.

```
.text, #text, p{  
    color:#1B09A3  
}
```

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 #1B09A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B09A3
}
```

Border

The CSS property to change the border of an element to Hex 1B09A3 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".

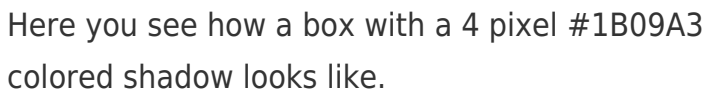
```
.border, #border, table{ border:4px solid
#1B09A3 }
```

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

```
.border{ border-color:#1B09A3 }
```

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

Here you see how a box with a 4 pixel #1B09A3 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #1B09A3 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B09A3; -webkit-box-shadow:4px 4px  
4px 4px #1B09A3; box-shadow:4px 4px 4px  
4px #1B09A3 }
```

Background

The CSS property to change the background color of an element to Hex 1B09A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B09A3 }
```

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

```
.background{ background-color:#1B09A3 }
```

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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