

Converting Colors

Hex(1B0039)

Have a look what the booklet for
Hex(1B0039) contains.

Hex(1B0039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B0039)

Conversions

Conversions Part 1

Format	Color
Hex	1B0039
RGB	27, 0, 57
RGB Percent	11%, 0%, 22%
CMY	0.8941, 1.0000, 0.7765
CMYK	0.53, 1.00, 0.00, 0.78
HSL	268°, 100%, 11%
HSV	268°, 100%, 22%
XYZ	1.1905, 0.5284, 3.9101
YIQ	14.5710, -2.2050, 23.4510

Conversions

Conversions Part 2

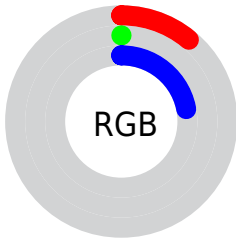
Format	Color
R_{YB}	27, 0, 57
Decimal	1769529
CIE Lab	4.77, 26.58, -30.17
CIE LCh	5, 40.207, 311.381
Yxy	0.5284, 0.2115, 0.0939
Android (android.graphics.Color)	4279959609 (0xFF1B0039)
YUV	14.5710, 20.9175, 10.9002
Hunter-Lab	7.2692, 16.5125, -26.8037

Details

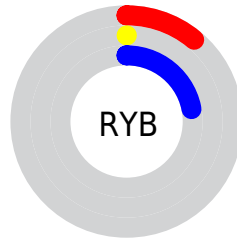
The Hex color **1B0039** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1E3900**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4A2D69**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **1B0039**, and if you desaturate by 10%, it is **1E0639**.

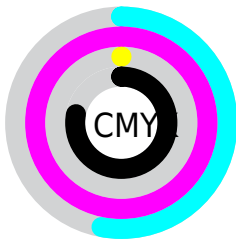
Distribution



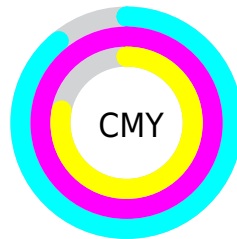
- Red (11%)
- Green (0%)
- Blue (22%)



- Red (11%)
- Yellow (0%)
- Blue (22%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (89%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0039 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 1B0039 by changing the saturation by 10% instead.

 1B0039

 1B0039

 FFE1FF

 000023

 4A2D69

 00000A

 634482

 000000

 7D5C9C

 9775B7

 B28FD3

 CEA9F0

 EBC5FF

 1B0039

■ 1E0639

■ 210B39

■ 241139

■ 271739

■ 2A1D39

■ 2D2239

■ 302839

■ 332E39

■ 363339

Harmonies

Analogous

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



001146



1B0039



350022

Triad

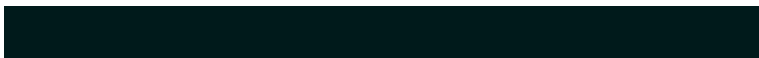
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0039



250700



001A1B

Complementary

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



1B0039



1E3900

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.



001900



1B0039



061400

Square

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



1B0039



340000



001900



001C34

Rectangle

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



1B0039



3B0010



001900



001A11

Sweetspot

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



1B0039



3E344A



001E39



1F1826



A6A6A6



262626

Same Dimension

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



1B0039



23004A



370039



1B191C



2B005C



6800DB

Inverse Universe

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



39001E



4A0027



023900



1C191B



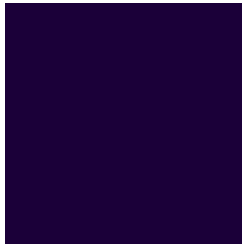
5C0030



DB0073

Previews

White Background



This preview shows how the Hex color 1B0039 looks on a white background.

Color Contrast Check

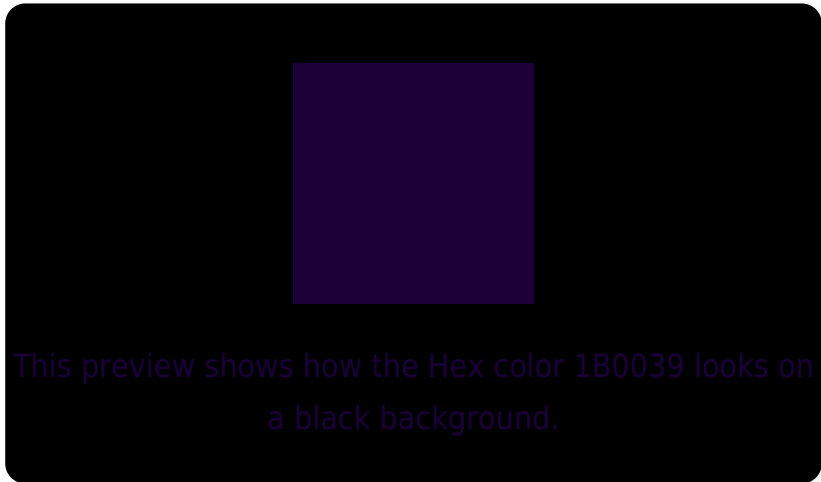
Large Text (above 18pt) WCAG AA ✓ Pass

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

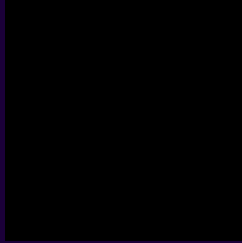
Any Text WCAG AA × Fail

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 1B0039 Background



This preview shows how black text looks on a background with the Hex color 1B0039.



This preview shows how white text looks on a background with the Hex color 1B0039.

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](#).

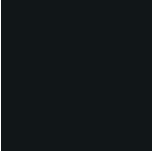
Dichromacy



Original Color
1B0039

Protanopia
00152B

Deuteranopia
001625



Tritanopia
111618

Trichromacy



Original Color
1B0039

Protanomaly
0A0D30

Deuteranomaly
0A0E2C

Tritanomaly
150E24

Monochromacy



Original Color
1B0039

Achromatopsia
0F0F0F

Achromatomaly
130A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0039 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 #1B0039 looks like.

```
.text, #text, p{  
    color:#1B0039  
}
```

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 #1B0039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0039
}
```

Border

The CSS property to change the border of an element to Hex 1B0039 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
#1B0039 }
```

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

```
.border{ border-color:#1B0039 }
```

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

Here you see how a box with a 4 pixel #1B0039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0039; -webkit-box-shadow:4px 4px  
4px 4px #1B0039; box-shadow:4px 4px 4px  
4px #1B0039 }
```

Background

The CSS property to change the background color of an element to Hex 1B0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0039 }
```

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

```
.background{ background-color:#1B0039 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor