

Converting Colors

Hex(1B0196)

Have a look what the booklet for
Hex(1B0196) contains.

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Color

Hex(1B0196)

Conversions

Conversions Part 1

Format	Color
Hex	1B0196
RGB	27, 1, 150
RGB Percent	11%, 0%, 59%
CMY	0.8941, 0.9961, 0.4118
CMYK	0.82, 0.99, 0.00, 0.41
HSL	250°, 99%, 30%
HSV	250°, 99%, 59%
XYZ	5.9679, 2.4567, 29.0138
YIQ	25.7600, -32.3330, 51.8510

Conversions

Conversions Part 2

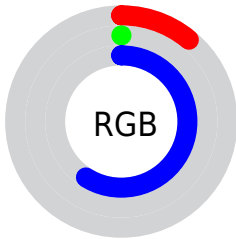
Format	Color
R _Y B	27, 1, 150
Decimal	1769878
CIE Lab	17.72, 53.38, -70.56
CIE LCh	18, 88.474, 307.107
Yxy	2.4567, 0.1594, 0.0656
Android (android.graphics.Color)	4279959958 (0xFF1B0196)
YUV	25.7600, 61.2503, 1.0875
Hunter-Lab	15.6740, 40.5346, -98.7790

Details

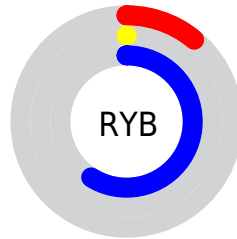
The Hex color **1B0196** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7C9601**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6239CE**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **1A0096**, and if you desaturate by 10%, it is **271096**.

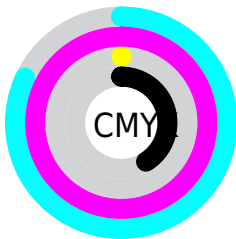
Distribution



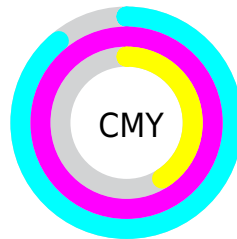
- Red (11%)
- Green (0%)
- Blue (59%)



- Red (11%)
- Yellow (0%)
- Blue (59%)



- Cyan (82%)
- Magenta (99%)
- Yellow (0%)
- Black (41%)



- Cyan (89%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0196 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 1B0196 by changing the saturation by 10% instead.

 1B0196

 1B0196

 FFF6FF

 00007B


 6239CE

 000062

 8052EA

 000848

 9E6BFF

 000431

 BC86FF

 00011B

 D9A1FF

 000000

 F8BCFF

 FFD9FF

 1B0196

 1B0196

■ 1A0096

■ 271096

■ 341F96

■ 402E96

■ 4D3D96

■ 594C96

■ 655B96

■ 726A96

■ 7E7996

■ 8A8896

Harmonies

Analogous

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



0035B2



1B0196



7A005F

Triad

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



1B0196



5B0B00



003E3A

Complementary

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



1B0196



7C9601

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.



003D00



1B0196



292F00

Square

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



1B0196



7E0000



003900



00417A

Rectangle

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



1B0196



8B0035



003900



003D24

Sweetspot

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



1B0196



9288C2



017D96



443E61



E0E0E0



616161

Same Dimension

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



1B0196



2200C2



640196



44434A



18008A



02000A

Inverse Universe

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



96017C



C200A0



339601



4A4349



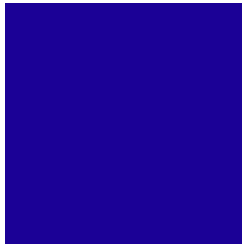
8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 1B0196 looks on a white background.

Color Contrast Check

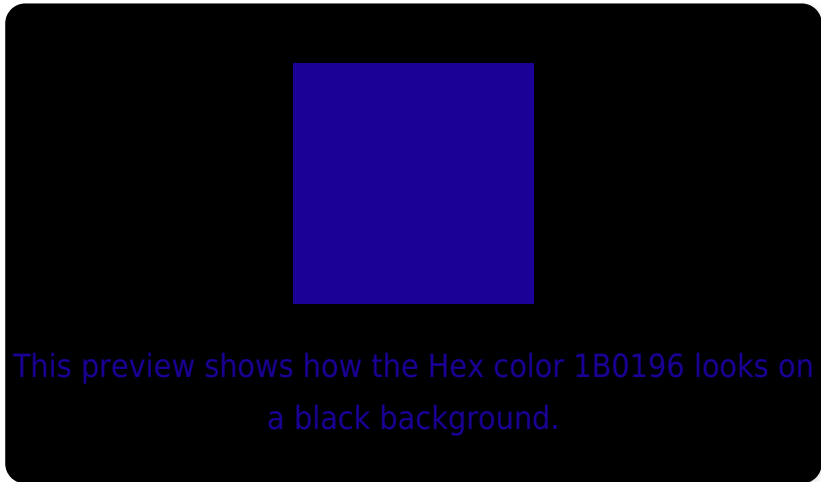
Large Text (above 18pt) WCAG AA ✓ Pass

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

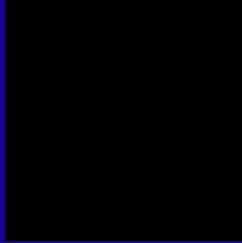
Any Text WCAG AA × Fail

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 1B0196 Background



This preview shows how black text looks on a background with the Hex color 1B0196.



This preview shows how white text looks on a background with the Hex color 1B0196.

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
1B0196

Protanopia
002D5F

Deuteranopia
003050

Trichromacy



Original Color
1B0196

Protanomaly
0A1D73

Deuteranomaly
0A1F69

Monochromacy



Original Color
1B0196

Achromatopsia
1A1A1A

Achromatomaly
1A1147

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0196 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 #1B0196 looks like.

```
.text, #text, p{  
    color:#1B0196  
}
```

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 #1B0196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0196
}
```

Border

The CSS property to change the border of an element to Hex 1B0196 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
#1B0196 }
```

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

```
.border{ border-color:#1B0196 }
```

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

Here you see how a box with a 4 pixel #1B0196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0196; -webkit-box-shadow:4px 4px  
4px 4px #1B0196; box-shadow:4px 4px 4px  
4px #1B0196 }
```

Background

The CSS property to change the background color of an element to Hex 1B0196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0196 }
```

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

```
.background{ background-color:#1B0196 }
```

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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