

Converting Colors

Hex(1B0026)

Have a look what the booklet for
Hex(1B0026) contains.

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Color

Hex(1B0026)

Conversions

Conversions Part 1

Format	Color
Hex	1B0026
RGB	27, 0, 38
RGB Percent	11%, 0%, 15%
CMY	0.8941, 1.0000, 0.8510
CMYK	0.29, 1.00, 0.00, 0.85
HSL	283°, 100%, 7%
HSV	283°, 100%, 15%
XYZ	0.8018, 0.3730, 1.8634
YIQ	12.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

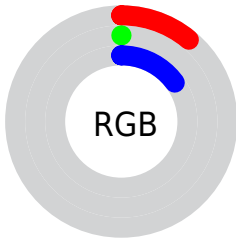
Format	Color
R_YB	27, 0, 38
Decimal	1769510
CIE Lab	3.37, 18.33, -18.15
CIE LCh	3, 25.790, 315.283
Yxy	0.3730, 0.2639, 0.1228
Android (android.graphics.Color)	4279959590 (0xFF1B0026)
YUV	12.4050, 12.6183, 12.7998
Hunter-Lab	6.1070, 12.7498, -13.8165

Details

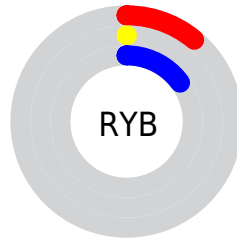
The Hex color **1B0026** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **0B2600**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **462F53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0026**, and if you desaturate by 10%, it is **1C0426**.

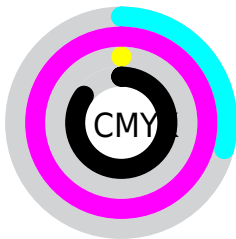
Distribution



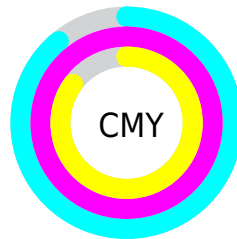
- Red (11%)
- Green (0%)
- Blue (15%)



- Red (11%)
- Yellow (0%)
- Blue (15%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (89%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1B0026 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 1B0026 by changing the saturation by 10% instead.

 1B0026

 1B0026

 FFE1FF


 00010F

 462F53

 000000

 5E456B

 775D85

 91769F

 AB90BA

 C7AAD6

 E3C5F2

 1B0026

■ 1C0426

■ 1D0826

■ 1E0B26

■ 1F0F26

■ 201326

■ 221726

■ 231B26

■ 241E26

■ 252226

Harmonies

Analogous

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



000A2F



1B0026



280018

Triad

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



1B0026



1B0700



001517

Complementary

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



1B0026



0B2600

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.



001400



1B0026



011000

Square

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



1B0026



270000



001400



001626

Rectangle

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



1B0026



2C0008



001400



001410

Sweetspot

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



1B0026



2C2230



000B26



17101A



999999



1A1A1A

Same Dimension

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



1B0026



220030



26001E



111012



3A0052



9500D1

Inverse Universe

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



26000B



30000E



002608



121011



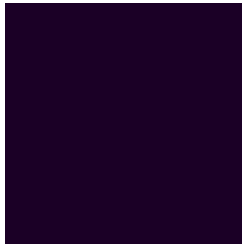
520018



D1003D

Previews

White Background



This preview shows how the Hex color 1B0026 looks on a white background.

Color Contrast Check

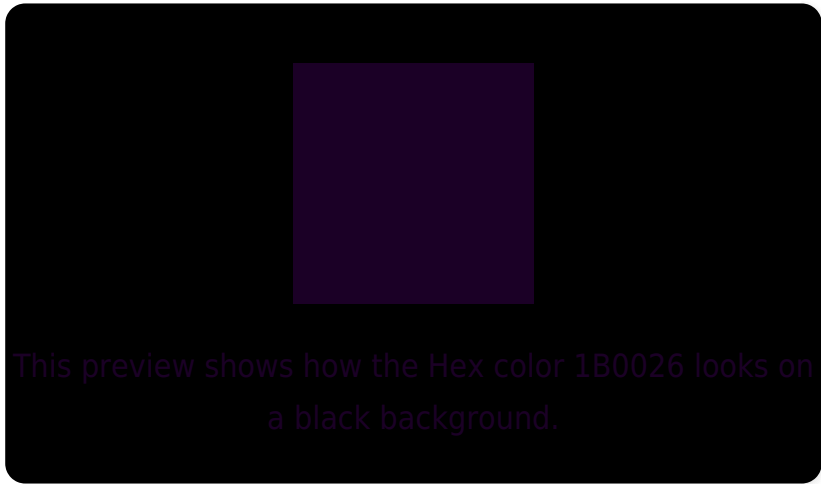
Large Text (above 18pt) WCAG AA ✓ Pass

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

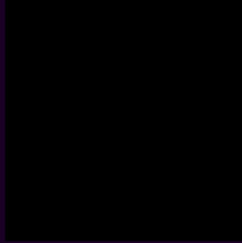
Any Text WCAG AA × Fail

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 1B0026 Background



This preview shows how black text looks on a background with the Hex color 1B0026.



This preview shows how white text looks on a background with the Hex color 1B0026.

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
1B0026

Protanopia
001123

Deuteranopia
00121F



Tritanopia
170F10

Trichromacy



Original Color
1B0026

Protanomaly
0A0B24

Deuteranomaly
0A0B22

Tritanomaly
180A18

Monochromacy



Original Color
1B0026

Achromatopsia
0C0C0C

Achromatomaly
110815

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0026 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 #1B0026 looks like.

```
.text, #text, p{  
    color:#1B0026  
}
```

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 #1B0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0026
}
```

Border

The CSS property to change the border of an element to Hex 1B0026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

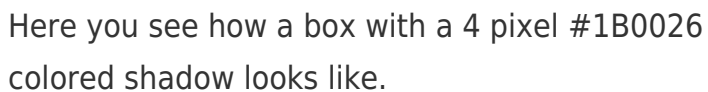
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0026 }
```

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

```
.border{ border-color:#1B0026 }
```

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



Here you see how a box with a 4 pixel #1B0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0026; -webkit-box-shadow:4px 4px  
4px 4px #1B0026; box-shadow:4px 4px 4px  
4px #1B0026 }
```

Background

The CSS property to change the background color of an element to Hex 1B0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0026 }
```

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

```
.background{ background-color:#1B0026 }
```

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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