

Converting Colors

Hex(2B0019)

Have a look what the booklet for
Hex(2B0019) contains.

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Color

Hex(2B0019)

Conversions

Conversions Part 1

Format	Color
Hex	2B0019
RGB	43, 0, 25
RGB Percent	17%, 0%, 10%
CMY	0.8314, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.42, 0.83
HSL	325°, 100%, 8%
HSV	325°, 100%, 17%
XYZ	1.1717, 0.5838, 0.9706
YIQ	15.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

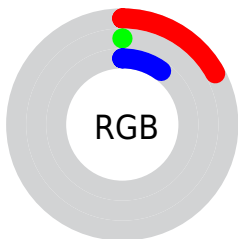
Format	Color
R_{YB}	43, 0, 25
Decimal	2818073
CIE _{Lab}	5.27, 23.81, -4.79
CIE _{LCh}	5, 24.287, 348.622
Yxy	0.5838, 0.4298, 0.2141
Android (android.graphics.Color)	4281008153 (0xFF2B0019)
YUV	15.7070, 4.5814, 23.9360
Hunter-Lab	7.6405, 14.0032, -2.1836

Details

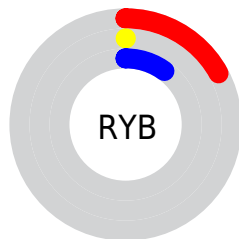
The Hex color **2B0019** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002B12**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5A2D44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0019**, and if you desaturate by 10%, it is **2B041B**.

Distribution



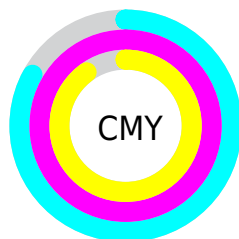
- Red (17%)
- Green (0%)
- Blue (10%)



- Red (17%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0019 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 2B0019 by changing the saturation by 10% instead.

 2B0019

 2B0019

 FFE2FB

 090000

 5A2D44

 000000

 74445B

 8E5C74

 A9768D

 C48FA8

 E1AAC3

 FEC6DF

 2B0019

■ 2B041B

■ 2B091D

■ 2B0D1E

■ 2B1120

■ 2B1622

■ 2B1A24

■ 2B1E26

■ 2B2227

■ 2B2729

Harmonies

Analogous

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



1F0727



2B0019



2E0001

Triad

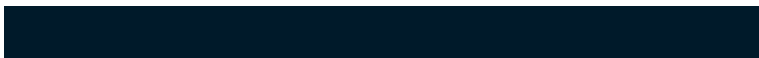
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0019



091500



001A2A

Complementary

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



2B0019



002B12

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.



001C1C



2B0019



001900

Square

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



2B0019



1E0E00



001B07



001631

Rectangle

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



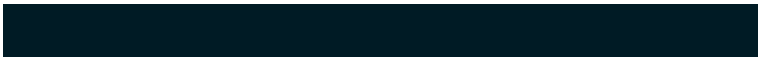
2B0019



2B0300



001B07



001B25

Sweetspot

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



2B0019



382731



12002B



1C1218



9C9C9C



1C1C1C

Same Dimension

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



2B0019



380021



2B0004



141214



540031



D4007B

Inverse Universe

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



2B0019



380021



002B27



141214



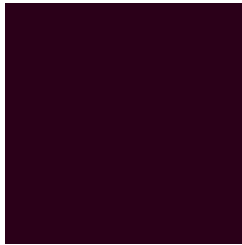
540031



D4007B

Previews

White Background



This preview shows how the Hex color 2B0019 looks on a white background.

Color Contrast Check

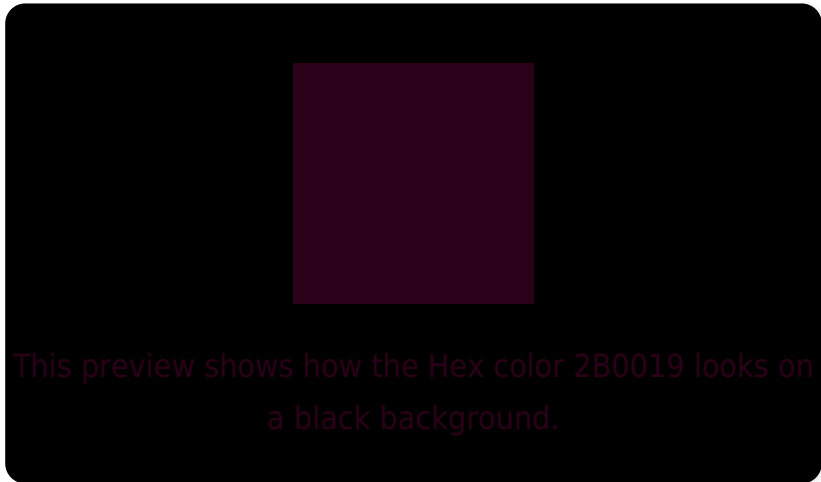
Large Text (above 18pt) WCAG AA ✓ Pass

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

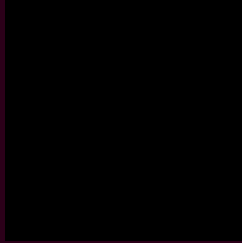
Any Text WCAG AA × Fail

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 2B0019 Background



This preview shows how black text looks on a background with the Hex color 2B0019.



This preview shows how white text looks on a background with the Hex color 2B0019.

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](#).

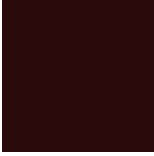
Dichromacy



Original Color
2B0019

Protanopia
111624

Deuteranopia
191617



Tritanopia
2A0A0A

Trichromacy



Original Color
2B0019

Protanomaly
1A0E20

Deuteranomaly
200E18

Tritanomaly
2A060F

Monochromacy



Original Color
2B0019

Achromatopsia
101010

Achromatomaly
1A0A13

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0019 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 #2B0019 looks like.

```
.text, #text, p{  
    color:#2B0019  
}
```

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 #2B0019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0019
}
```

Border

The CSS property to change the border of an element to Hex 2B0019 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".

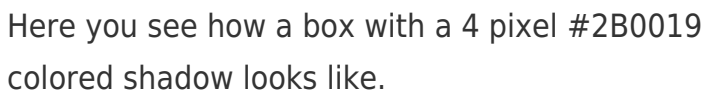
```
.border, #border, table{ border:4px solid
#2B0019 }
```

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

```
.border{ border-color:#2B0019 }
```

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

Here you see how a box with a 4 pixel #2B0019 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0019; -webkit-box-shadow:4px 4px  
4px 4px #2B0019; box-shadow:4px 4px 4px  
4px #2B0019 }
```

Background

The CSS property to change the background color of an element to Hex 2B0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0019 }
```

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

```
.background{ background-color:#2B0019 }
```

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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