

Converting Colors

Hex(2B001D)

Have a look what the booklet for
Hex(2B001D) contains.

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Color

Hex(2B001D)

Conversions

Conversions Part 1

Format	Color
Hex	2B001D
RGB	43, 0, 29
RGB Percent	17%, 0%, 11%
CMY	0.8314, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.33, 0.83
HSL	320°, 100%, 8%
HSV	320°, 100%, 17%
XYZ	1.2180, 0.6023, 1.2145
YIQ	16.1630, 16.3190, 18.1350

Conversions

Conversions Part 2

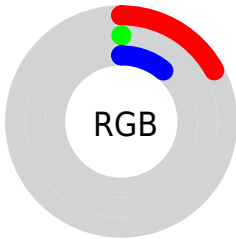
Format	Color
RYB	43, 0, 29
Decimal	2818077
CIELab	5.44, 24.59, -7.72
CIElCh	5, 25.774, 342.572
Yxy	0.6023, 0.4014, 0.1985
Android (android.graphics.Color)	4281008157 (0xFF2B001D)
YUV	16.1630, 6.3286, 23.5360
Hunter-Lab	7.7608, 14.4336, -3.8455

Details

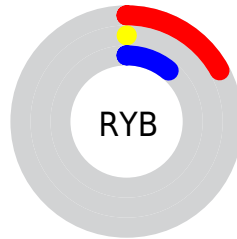
The Hex color **2B001D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002B0E**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5A2D48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B001D**, and if you desaturate by 10%, it is **2B041E**.

Distribution



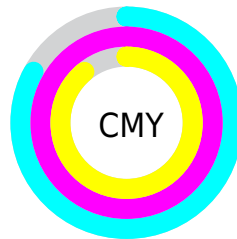
- Red (17%)
- Green (0%)
- Blue (11%)



- Red (17%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B001D 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 2B001D by changing the saturation by 10% instead.

 2B001D

 2B001D

 FFE2FF

 0D0000

 5A2D48

 000000

 744460

 8E5D79

 A97693

 C490AD

 E1AAC9

 FDC6E5

 2B001D

■ 2B041E

■ 2B0920

■ 2B0D21

■ 2B1123

■ 2B1624

■ 2B1A25

■ 2B1E27

■ 2B2228

■ 2B272A

Harmonies

Analogous

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



1C082B



2B001D



300007

Triad

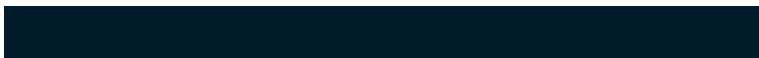
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B001D



0F1400



001B29

Complementary

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



2B001D



002B0E

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.



001C19



2B001D



001900

Square

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



2B001D



210D00



001C00



001833

Rectangle

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



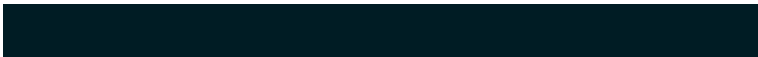
2B001D



2E0100



001C00



001C24

Sweetspot

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



2B001D



382733



0E002B



1C1219



9C9C9C



1C1C1C

Same Dimension

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



2B001D



380026



2B0008



141214



540039



D4008F

Inverse Universe

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



2B001D



380026



002B23



141214



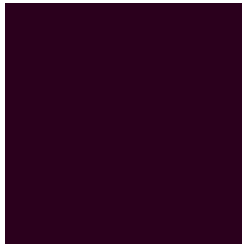
540039



D4008F

Previews

White Background



This preview shows how the Hex color 2B001D looks on a white background.

Color Contrast Check

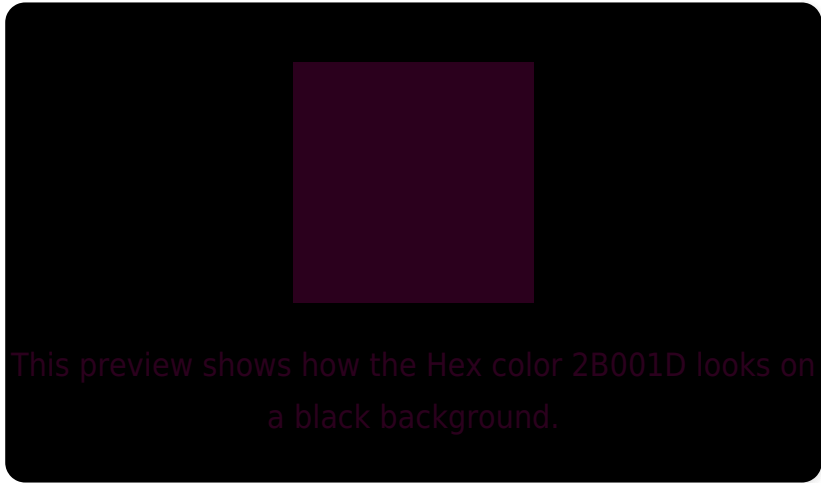
Large Text (above 18pt) WCAG AA ✓ Pass

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

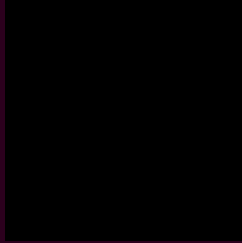
Any Text WCAG AA × Fail

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 2B001D Background



This preview shows how black text looks on a background with the Hex color 2B001D.



This preview shows how white text looks on a background with the Hex color 2B001D.

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](#).

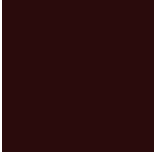
Dichromacy



Original Color
2B001D

Protanopia
0E1629

Deuteranopia
17161B



Trichromacy



Original Color
2B001D

Protanomaly
190E25

Deuteranomaly
1E0E1C

Tritanomaly
2A0712

Monochromacy



Original Color
2B001D

Achromatopsia
101010

Achromatomaly
1A0A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B001D 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 #2B001D looks like.

```
.text, #text, p{  
    color:#2B001D  
}
```

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 #2B001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B001D
}
```

Border

The CSS property to change the border of an element to Hex 2B001D 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
#2B001D }
```

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

```
.border{ border-color:#2B001D }
```

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

Here you see how a box with a 4 pixel #2B001D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B001D; -webkit-box-shadow:4px 4px  
4px 4px #2B001D; box-shadow:4px 4px 4px  
4px #2B001D }
```

Background

The CSS property to change the background color of an element to Hex 2B001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B001D }
```

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

```
.background{ background-color:#2B001D }
```

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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