

Converting Colors

Hex(002D1D)

Have a look what the booklet for
Hex(002D1D) contains.

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Color

Hex(002D1D)

Conversions

Conversions Part 1

Format	Color
Hex	002D1D
RGB	0, 45, 29
RGB Percent	0%, 18%, 11%
CMY	1.0000, 0.8235, 0.8863
CMYK	1.00, 0.00, 0.36, 0.82
HSL	159°, 100%, 9%
HSV	159°, 100%, 18%
XYZ	1.1602, 1.9655, 1.4806
YIQ	29.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

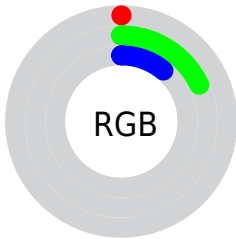
Format	Color
RYB	0, 27, 45
Decimal	11549
CIELab	15.31, -19.81, 6.24
CIELCh	15, 20.771, 162.526
Yxy	1.9655, 0.2519, 0.4267
Android (android.graphics.Color)	4278201629 (0xFF002D1D)
YUV	29.7210, -0.3555, -26.0653
Hunter-Lab	14.0196, -9.7629, 3.5520

Details

The Hex color **002D1D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0010**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **315B49**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002D1D**, and if you desaturate by 10%, it is **042D1F**.

Distribution



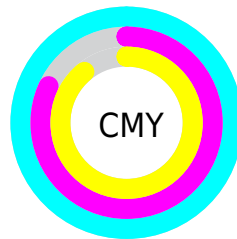
- Red (0%)
- Green (18%)
- Blue (11%)



- Red (0%)
- Yellow (11%)
- Blue (18%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D1D 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 002D1D by changing the saturation by 10% instead.

 002D1D

 002D1D

 E9FFFF

 001A03

 315B49

 000000

 497460

 628E79

 7BA893

 95C4AD

 B0E0C9

 CCFCE5

 002D1D

■ 042D1F

■ 092D20

■ 0E2D22

■ 122D23

■ 172D25

■ 1B2D27

■ 202D28

■ 242D2A

■ 292D2B

Harmonies

Analogous

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



192B0F



002D1D



002E2C

Triad

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



002D1D



172643



3F1D13

Complementary

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



002D1D



2D0010

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.



421921



002D1D



2F203C

Square

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



002D1D



002A42



3D1B2F



362207

Rectangle

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



002D1D



002D36



3D1B2F



401B17

Sweetspot

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



002D1D



293B34



112D00



141F1B



9E9E9E



1F1F1F

Same Dimension

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



002D1D



003B26



00272D



151716



005738



00D68A

Inverse Universe

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



2D0010



3B0015



2D0600



171515



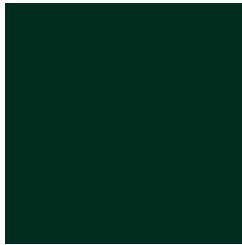
57001F



D6004C

Previews

White Background



This preview shows how the Hex color 002D1D looks on a white background.

Color Contrast Check

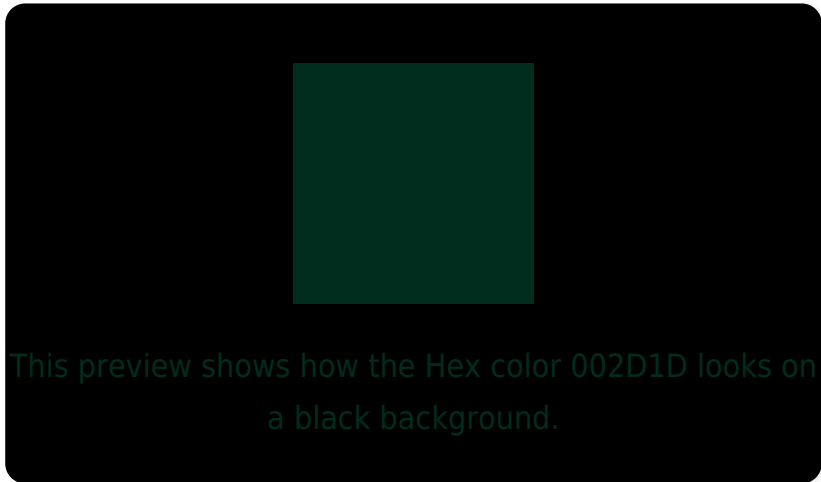
Large Text (above 18pt) WCAG AA ✓ Pass

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

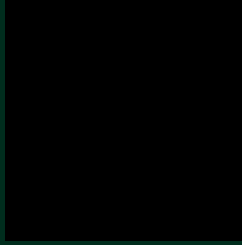
Any Text WCAG AA × Fail

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 002D1D Background



This preview shows how black text looks on a background with the Hex color 002D1D.



This preview shows how white text looks on a background with the Hex color 002D1D.

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
002D1D

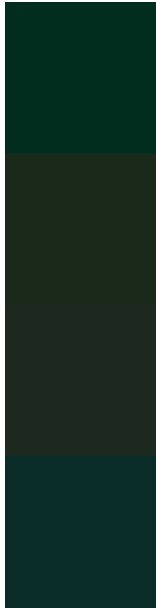
Protanopia
2A271A

Deuteranopia
2E261F



Tritanopia
102B2E

Trichromacy



Original Color
002D1D

Protanomaly
1B291B

Deuteranomaly
1D291E

Tritanomaly
0A2C28

Monochromacy



Original Color
002D1D

Achromatopsia
1E1E1E

Achromatomaly
13231E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D1D 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 #002D1D looks like.

```
.text, #text, p{  
    color:#002D1D  
}
```

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 #002D1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D1D
}
```

Border

The CSS property to change the border of an element to Hex 002D1D 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
#002D1D }
```

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

```
.border{ border-color:#002D1D }
```

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

Here you see how a box with a 4 pixel #002D1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D1D; -webkit-box-shadow:4px 4px  
4px 4px #002D1D; box-shadow:4px 4px 4px  
4px #002D1D }
```

Background

The CSS property to change the background color of an element to Hex 002D1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D1D }
```

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

```
.background{ background-color:#002D1D }
```

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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