

Converting Colors

Hex(002D1A)

Have a look what the booklet for
Hex(002D1A) contains.

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Color

Hex(002D1A)

Conversions

Conversions Part 1

Format	Color
Hex	002D1A
RGB	0, 45, 26
RGB Percent	0%, 18%, 10%
CMY	1.0000, 0.8235, 0.8980
CMYK	1.00, 0.00, 0.42, 0.82
HSL	155°, 100%, 9%
HSV	155°, 100%, 18%
XYZ	1.1248, 1.9514, 1.2946
YIQ	29.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

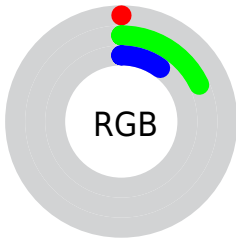
Format	Color
RYB	0, 29, 45
Decimal	11546
CIELab	15.23, -20.67, 8.20
CIELCh	15, 22.234, 158.369
Yxy	1.9514, 0.2574, 0.4464
Android (android.graphics.Color)	4278201626 (0xFF002D1A)
YUV	29.3790, -1.6658, -25.7654
Hunter-Lab	13.9691, -10.0725, 4.2834

Details

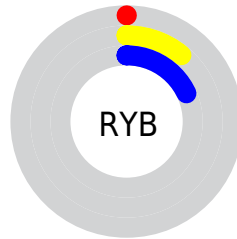
The Hex color **002D1A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0013**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **315B45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002D1A**, and if you desaturate by 10%, it is **042D1C**.

Distribution



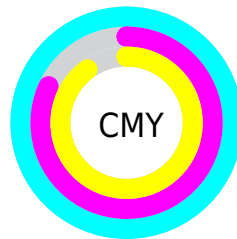
- Red (0%)
- Green (18%)
- Blue (10%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D1A 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 002D1A by changing the saturation by 10% instead.

 002D1A

 002D1A

 E8FFFD

 001A00

 315B45

 000000

 49745D

 618E75

 7BA88F

 95C4AA

 B0E0C5

 CCFCE1

 002D1A

■ 042D1C

■ 092D1E

■ 0E2D20

■ 122D22

■ 172D23

■ 1B2D25

■ 202D27

■ 242D29

■ 292D2B

Harmonies

Analogous

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



1A2B0B



002D1A



002E2A

Triad

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



002D1A



0F2645



411B13

Complementary

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



002D1A



2D0013

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.



431822



002D1A



2D203F

Square

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



002D1A



002B43



3D1A32



382105

Rectangle

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



002D1A



002E35



3D1A32



421A18

Sweetspot

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



002D1A



293B33



132D00



141F1A



9E9E9E



1F1F1F

Same Dimension

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



002D1A



003B22



002A2D



151716



005732



00D67C

Inverse Universe

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



2D0013



3B0019



2D0300



171516



570025



D6005A

Previews

White Background



This preview shows how the Hex color 002D1A 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

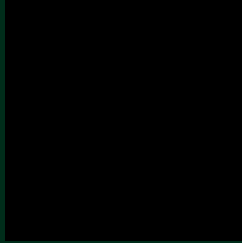
Any Text WCAG AA × Fail

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 002D1A Background



This preview shows how black text looks on a background with the Hex color 002D1A.



This preview shows how white text looks on a background with the Hex color 002D1A.

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
002D1A

Protanopia
2B2718

Deuteranopia
2E251C



Tritanopia
112B2E

Trichromacy



Original Color
002D1A

Protanomaly
1B2919

Deuteranomaly
1D281B

Tritanomaly
0B2C27

Monochromacy



Original Color
002D1A

Achromatopsia
1D1D1D

Achromatomaly
12231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D1A 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 #002D1A looks like.

```
.text, #text, p{  
    color:#002D1A  
}
```

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 #002D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D1A
}
```

Border

The CSS property to change the border of an element to Hex 002D1A 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
#002D1A }
```

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

```
.border{ border-color:#002D1A }
```

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

Here you see how a box with a 4 pixel #002D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D1A; -webkit-box-shadow:4px 4px  
4px 4px #002D1A; box-shadow:4px 4px 4px  
4px #002D1A }
```

Background

The CSS property to change the background color of an element to Hex 002D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D1A }
```

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

```
.background{ background-color:#002D1A }
```

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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