

Converting Colors

Hex(002B18)

Have a look what the booklet for
Hex(002B18) contains.

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Color

Hex(002B18)

Conversions

Conversions Part 1

Format	Color
Hex	002B18
RGB	0, 43, 24
RGB Percent	0%, 17%, 9%
CMY	1.0000, 0.8314, 0.9059
CMYK	1.00, 0.00, 0.44, 0.83
HSL	153°, 100%, 8%
HSV	153°, 100%, 17%
XYZ	1.0287, 1.7937, 1.1562
YIQ	27.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

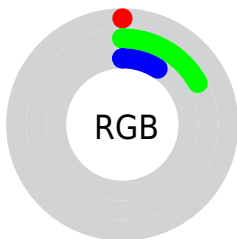
Format	Color
RYB	0, 28, 43
Decimal	11032
CIELab	14.37, -20.28, 8.39
CIELCh	14, 21.951, 157.516
Yxy	1.7937, 0.2586, 0.4508
Android (android.graphics.Color)	4278201112 (0xFF002B18)
YUV	27.9770, -1.9607, -24.5358
Hunter-Lab	13.3929, -9.7265, 4.2568

Details

The Hex color **002B18** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B0013**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305943**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B18**, and if you desaturate by 10%, it is **042B1A**.

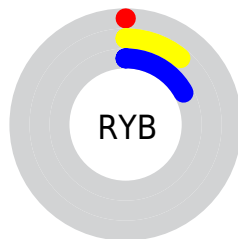
Distribution



Red (0%)

Green (17%)

Blue (9%)



Red (0%)

Yellow (11%)

Blue (17%)

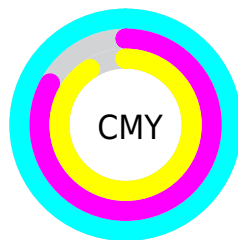


Cyan (100%)

Magenta (0%)

Yellow (44%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B18 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 002B18 by changing the saturation by 10% instead.

 002B18

 002B18

 E7FFFB

 001800

 305943

 000000

 48725A

 608B73

 7AA68C

 94C1A7

 AFDDC2

 CBFAD E

 002B18

■ 042B1A

■ 092B1C

■ 0D2B1E

■ 112B20

■ 162B22

■ 1A2B23

■ 1E2B25

■ 222B27

■ 272B29

Harmonies

Analogous

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



192908



002B18



002C28

Triad

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



002B18



0C2543



3E1912

Complementary

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



002B18



2B0013

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.



401621



002B18



2A1F3D

Square

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



002B18



002941



3A1930



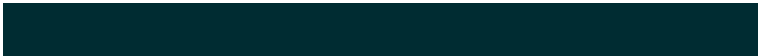
361F03

Rectangle

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



002B18



002C32



3A1930



401817

Sweetspot

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



002B18



273831



132B00



121C18



9C9C9C



1C1C1C

Same Dimension

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



002B18



00381F



00292B



121413



00542F



00D476

Inverse Universe

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



2B0013



380019



2B0200



141213



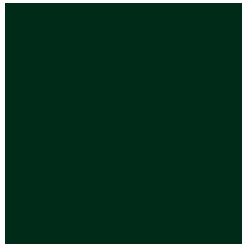
540025



D4005E

Previews

White Background



This preview shows how the Hex color 002B18 looks on a white background.

Color Contrast Check

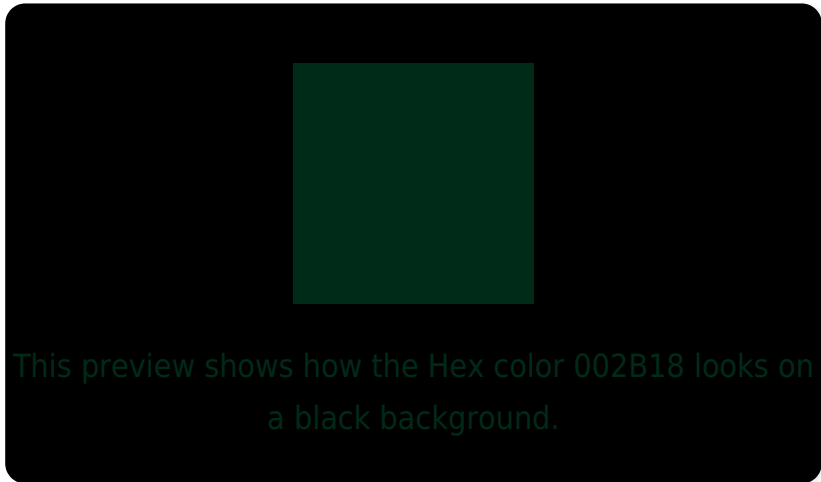
Large Text (above 18pt) WCAG AA ✓ Pass

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

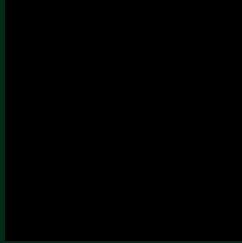
Any Text WCAG AA × Fail

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 002B18 Background



This preview shows how black text looks on a background with the Hex color 002B18.



This preview shows how white text looks on a background with the Hex color 002B18.

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
002B18

Protanopia
292516

Deuteranopia
2C241A



Tritanopia
10292C

Trichromacy



Original Color
002B18

Protanomaly
1A2717

Deuteranomaly
1C2719

Tritanomaly
0A2A25

Monochromacy



Original Color
002B18

Achromatopsia
1C1C1C

Achromatomaly
12211B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B18 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 #002B18 looks like.

```
.text, #text, p{  
    color:#002B18  
}
```

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 #002B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B18
}
```

Border

The CSS property to change the border of an element to Hex 002B18 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
#002B18 }
```

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

```
.border{ border-color:#002B18 }
```

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

Here you see how a box with a 4 pixel #002B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B18; -webkit-box-shadow:4px 4px  
4px 4px #002B18; box-shadow:4px 4px 4px  
4px #002B18 }
```

Background

The CSS property to change the background color of an element to Hex 002B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B18 }
```

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

```
.background{ background-color:#002B18 }
```

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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