

Converting Colors

Hex(002B0E)

Have a look what the booklet for
Hex(002B0E) contains.

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Color

Hex(002B0E)

Conversions

Conversions Part 1

Format	Color
Hex	002B0E
RGB	0, 43, 14
RGB Percent	0%, 17%, 5%
CMY	1.0000, 0.8314, 0.9451
CMYK	1.00, 0.00, 0.67, 0.83
HSL	140°, 100%, 8%
HSV	140°, 100%, 17%
XYZ	0.9431, 1.7595, 0.7054
YIQ	26.8370, -16.3190, -18.1350

Conversions

Conversions Part 2

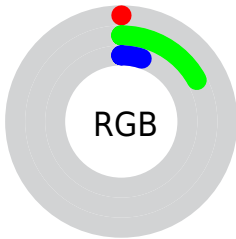
Format	Color
RYB	0, 32, 43
Decimal	11022
CIELab	14.17, -22.60, 14.34
CIELCh	14, 26.769, 147.601
Yxy	1.7595, 0.2767, 0.5163
Android (android.graphics.Color)	4278201102 (0xFF002B0E)
YUV	26.8370, -6.3286, -23.5360
Hunter-Lab	13.2645, -10.5209, 6.1323

Details

The Hex color **002B0E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B001D**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **305939**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B0E**, and if you desaturate by 10%, it is **042B11**.

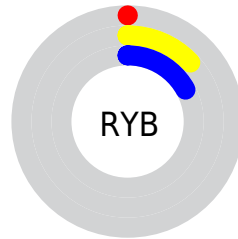
Distribution



Red (0%)

Green (17%)

Blue (5%)



Red (0%)

Yellow (13%)

Blue (17%)

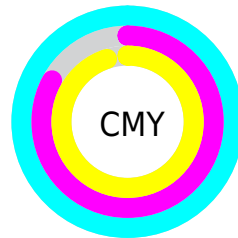


Cyan (100%)

Magenta (0%)

Yellow (67%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B0E 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 002B0E by changing the saturation by 10% instead.

 002B0E

 002B0E

 E7FFEE

 001700

 305939

 000000

 487250

 608C68

 7AA681

 94C19B

 AFDDB6

 CBFAD2

 002B0E

■ 042B11

■ 092B14

■ 0D2B17

■ 112B1A

■ 162B1D

■ 1A2B1F

■ 1E2B22

■ 222B25

■ 272B28

Harmonies

Analogous

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



1E2800



002B0E



002C22

Triad

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



002B0E



00274A



441314

Complementary

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



002B0E



2B001D

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.



441126



002B0E



202045

Square

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



002B0E



002B43



391738



3D1B00

Rectangle

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



002B0E



002D2F



391738



45111A

Sweetspot

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



002B0E



27382D



1D2B00



121C15



9C9C9C



1C1C1C

Same Dimension

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



002B0E



003812



002B23



121413



00541B



00D445

Inverse Universe

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



2B001D



380026



2B0008



141214



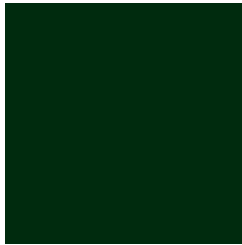
540039



D4008F

Previews

White Background



This preview shows how the Hex color 002B0E 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

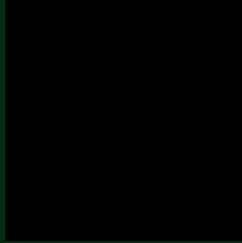
Any Text WCAG AA × Fail

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 002B0E Background



This preview shows how black text looks on a background with the Hex color 002B0E.



This preview shows how white text looks on a background with the Hex color 002B0E.

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
002B0E

Protanopia
29250C

Deuteranopia
2E2311



Tritanopia
11282B

Trichromacy



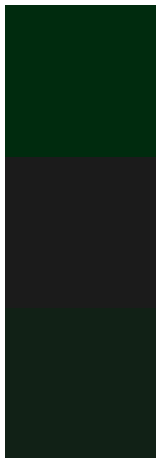
Original Color
002B0E

Protanomaly
1A270D

Deuteranomaly
1D2610

Tritanomaly
0B2920

Monochromacy



Original Color
002B0E

Achromatopsia
1B1B1B

Achromatomaly
112116

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B0E 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 #002B0E looks like.

```
.text, #text, p{  
    color:#002B0E  
}
```

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 #002B0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B0E
}
```

Border

The CSS property to change the border of an element to Hex 002B0E 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".

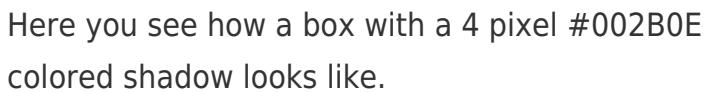
```
.border, #border, table{ border:4px solid
#002B0E }
```

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

```
.border{ border-color:#002B0E }
```

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

Here you see how a box with a 4 pixel #002B0E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B0E; -webkit-box-shadow:4px 4px  
4px 4px #002B0E; box-shadow:4px 4px 4px  
4px #002B0E }
```

Background

The CSS property to change the background color of an element to Hex 002B0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B0E }
```

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

```
.background{ background-color:#002B0E }
```

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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