

Converting Colors

Hex(002A06)

Have a look what the booklet for
Hex(002A06) contains.

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Color

Hex(002A06)

Conversions

Conversions Part 1

Format	Color
Hex	002A06
RGB	0, 42, 6
RGB Percent	0%, 16%, 2%
CMY	1.0000, 0.8353, 0.9765
CMYK	1.00, 0.00, 0.86, 0.84
HSL	129°, 100%, 8%
HSV	129°, 100%, 16%
XYZ	0.8608, 1.6691, 0.4491
YIQ	25.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

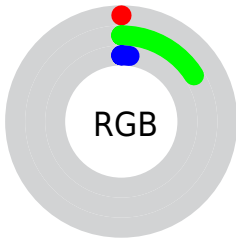
Format	Color
RYB	0, 37, 42
Decimal	10758
CIELab	13.64, -23.56, 17.10
CIELCh	14, 29.110, 144.020
Yxy	1.6691, 0.2890, 0.5603
Android (android.graphics.Color)	4278200838 (0xFF002A06)
YUV	25.3380, -9.5336, -22.2214
Hunter-Lab	12.9193, -10.7149, 6.9825

Details

The Hex color **002A06** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0024**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **2E5833**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A06**, and if you desaturate by 10%, it is **042A0A**.

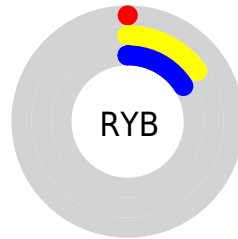
Distribution



Red (0%)

Green (16%)

Blue (2%)



Red (0%)

Yellow (15%)

Blue (16%)

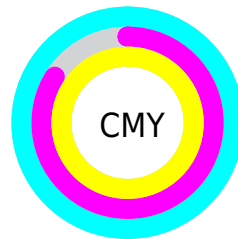


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A06 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 002A06 by changing the saturation by 10% instead.

 002A06

 002A06

 E6FFE7

 001500

 2E5833

 000000

 46714A

 5F8A62

 79A57B

 93C095

 AEDCB0

 CAF9CB

 002A06

■ 042A0A

■ 082A0D

■ 0D2A11

■ 112A14

■ 152A18

■ 192A1C

■ 1D2A1F

■ 222A23

■ 262A26

Harmonies

Analogous

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



1E2600



002A06



002C1E

Triad

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



002A06



00274B



460E14

Complementary

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



002A06



2A0024

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.



440C28



002A06



191F48

Square

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



002A06



002B44



37153B



3F1800

Rectangle

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



002A06



002C2C



37153B



470C1A

Sweetspot

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



002A06



253628



242A00



121C13



9C9C9C



1C1C1C

Same Dimension

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



002A06



003608



002A1B



121413



00540C



00D41E

Inverse Universe

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



2A0024



36002E



2A000F



141214



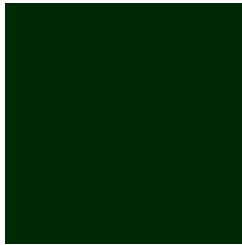
540048



D400B5

Previews

White Background



This preview shows how the Hex color 002A06 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

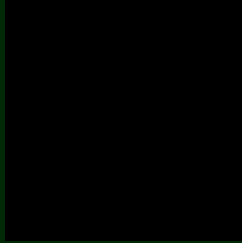
Any Text WCAG AA × Fail

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 002A06 Background



This preview shows how black text looks on a background with the Hex color 002A06.



This preview shows how white text looks on a background with the Hex color 002A06.

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
002A06

Protanopia
282404

Deuteranopia
2D220B



Tritanopia
12272A

Trichromacy



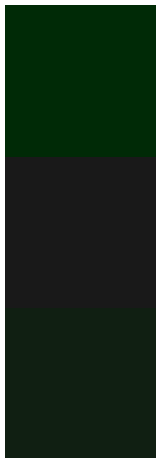
Original Color
002A06

Protanomaly
192605

Deuteranomaly
1D2509

Tritanomaly
0B281D

Monochromacy



Original Color
002A06

Achromatopsia
191919

Achromatomaly
101F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A06 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 #002A06 looks like.

```
.text, #text, p{  
    color:#002A06  
}
```

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 #002A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A06
}
```

Border

The CSS property to change the border of an element to Hex 002A06 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".

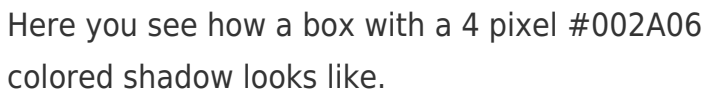
```
.border, #border, table{ border:4px solid
#002A06 }
```

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

```
.border{ border-color:#002A06 }
```

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

Here you see how a box with a 4 pixel #002A06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A06; -webkit-box-shadow:4px 4px  
4px 4px #002A06; box-shadow:4px 4px 4px  
4px #002A06 }
```

Background

The CSS property to change the background color of an element to Hex 002A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A06 }
```

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

```
.background{ background-color:#002A06 }
```

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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