

Converting Colors

Hex(012B06)

Have a look what the booklet for
Hex(012B06) contains.

Hex(012B06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(012B06)

Conversions

Conversions Part 1

Format	Color
Hex	012B06
RGB	1, 43, 6
RGB Percent	0%, 17%, 2%
CMY	0.9961, 0.8314, 0.9765
CMYK	0.98, 0.00, 0.86, 0.83
HSL	127°, 95%, 9%
HSV	127°, 98%, 17%
XYZ	0.9093, 1.7474, 0.4616
YIQ	26.2240, -13.1550, -20.4110

Conversions

Conversions Part 2

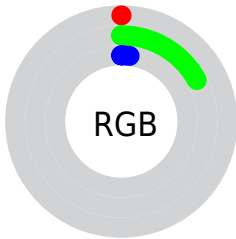
Format	Color
R_YB	1, 39, 43
Decimal	76550
CIE Lab	14.10, -23.60, 17.71
CIE LCh	14, 29.510, 143.121
Yxy	1.7474, 0.2916, 0.5604
Android (android.graphics.Color)	4278266630 (0xFF012B06)
YUV	26.2240, -9.9704, -22.1214
Hunter-Lab	13.2188, -10.8545, 7.1825

Details

The Hex color **012B06** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0126**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **305933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B05**, and if you desaturate by 10%, it is **052B0A**.

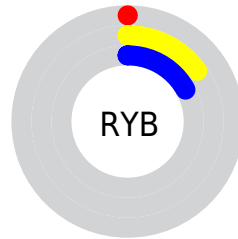
Distribution



Red (0%)

Green (17%)

Blue (2%)



Red (0%)

Yellow (15%)

Blue (17%)

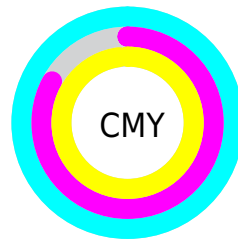


Cyan (98%)

Magenta (0%)

Yellow (86%)

Black (83%)



Cyan (100%)


Magenta (83%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012B06 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 012B06 by changing the saturation by 10% instead.

 012B06

 012B06

 E8FFE7

 001700

 305933

 000000

 48724A

 618C62

 7AA67B

 95C195

 B0DDB0

 CBFACB

 012B06

 012B06

■ 002B05

■ 052B0A

■ 0A2B0E

■ 0E2B11

■ 122B15

■ 172B19

■ 1B2B1D

■ 1F2B21

■ 232B24

■ 282B28

Harmonies

Analogous

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



1F2700



012B06



002D1E

Triad

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



012B06



00284D



470F15

Complementary

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



012B06



2B0126

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.



460D29



012B06



18204A

Square

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



012B06



002C45



38163D



401800

Rectangle

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



012B06



002D2D



38163D



480D1C

Sweetspot

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



012B06



28382A



262B01



121C13



9C9C9C



1C1C1C

Same Dimension

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



012B06



003807



012B1B



121413



00540A



00D419

Inverse Universe

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



2B0126



380031



2B0111



141214



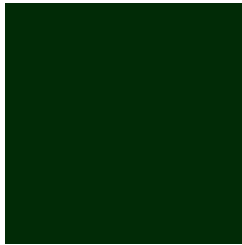
54004A



D400BA

Previews

White Background



This preview shows how the Hex color 012B06 looks on a white background.

Color Contrast Check

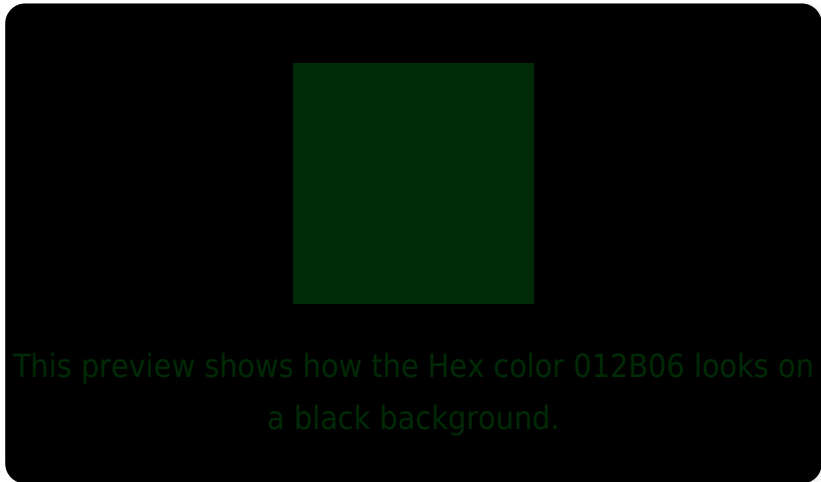
Large Text (above 18pt) WCAG AA ✓ Pass

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

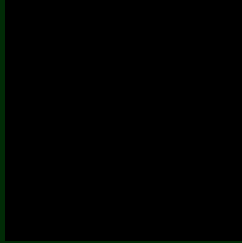
Any Text WCAG AA × Fail

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 012B06 Background



This preview shows how black text looks on a background with the Hex color 012B06.



This preview shows how white text looks on a background with the Hex color 012B06.

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
012B06

Protanopia
292504

Deuteranopia
2E230B



Tritanopia
12282B

Trichromacy



Original Color
012B06

Protanomaly
1A2705

Deuteranomaly
1E2609

Tritanomaly
0C291E

Monochromacy



Original Color
012B06

Achromatopsia
1A1A1A

Achromatomaly
112013

CSS Examples

Text

The CSS property to change the color of the text to Hex 012B06 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 #012B06 looks like.

```
.text, #text, p{  
    color:#012B06  
}
```

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 #012B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012B06
}
```

Border

The CSS property to change the border of an element to Hex 012B06 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".

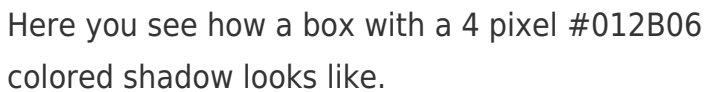
```
.border, #border, table{ border:4px solid
#012B06 }
```

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

```
.border{ border-color:#012B06 }
```

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

Here you see how a box with a 4 pixel #012B06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012B06; -webkit-box-shadow:4px 4px  
4px 4px #012B06; box-shadow:4px 4px 4px  
4px #012B06 }
```

Background

The CSS property to change the background color of an element to Hex 012B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012B06 }
```

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

```
.background{ background-color:#012B06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor