

Converting Colors

Hex(012F06)

Have a look what the booklet for
Hex(012F06) contains.

Hex(012F06)	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(012F06)

Conversions

Conversions Part 1

Format	Color
Hex	012F06
RGB	1, 47, 6
RGB Percent	0%, 18%, 2%
CMY	0.9961, 0.8157, 0.9765
CMYK	0.98, 0.00, 0.87, 0.82
HSL	127°, 96%, 9%
HSV	127°, 98%, 18%
XYZ	1.0619, 2.0526, 0.5125
YIQ	28.5720, -14.2550, -22.5030

Conversions

Conversions Part 2

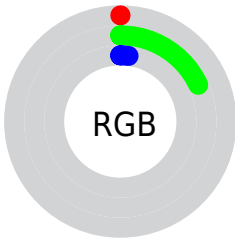
Format	Color
R_{YB}	1, 42, 47
Decimal	77574
CIE _{Lab}	15.76, -25.12, 19.84
CIE _{LCh}	16, 32.015, 141.698
Yxy	2.0526, 0.2928, 0.5659
Android (android.graphics.Color)	4278267654 (0xFF012F06)
YUV	28.5720, -11.1280, -24.1806
Hunter-Lab	14.3270, -11.8420, 7.9079

Details

The Hex color **012F06** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F012A**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **325E33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F05**, and if you desaturate by 10%, it is **062F0A**.

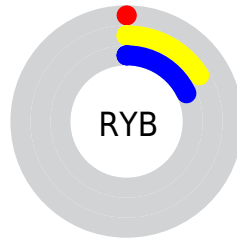
Distribution



Red (0%)

Green (18%)

Blue (2%)



Red (0%)

Yellow (16%)

Blue (18%)

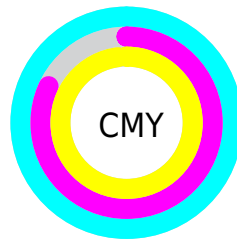


Cyan (98%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (100%)


Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012F06 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 012F06 by changing the saturation by 10% instead.

 012F06

 012F06

 EBFFE8

 001D00

 325E33

 000000

 4A774A


 639162

 7DAB7B

 97C795

 B3E3B0

 CEFFCC

 012F06

 012F06

■ 002F05

■ 062F0A

■ 0A2F0E

■ 0F2F13

■ 142F17

■ 182F1B

■ 1D2F1F

■ 222F23

■ 272F28

■ 2B2F2C

Harmonies

Analogous

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



232B00



012F06



003120

Triad

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



012F06



002C54



4E0F18

Complementary

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



012F06



2F012A

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.



4C0E2F



012F06



172452

Square

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



012F06



00304B



3C1944



471A00

Rectangle

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



012F06



003130



3C1944



4F0D1F

Sweetspot

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



012F06



2B3D2D



2A2F01



141F15



9E9E9E



1F1F1F

Same Dimension

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



012F06



003D07



012F1D



151715



005709



00D617

Inverse Universe

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



2F012A



3D0037



2F0113



171517



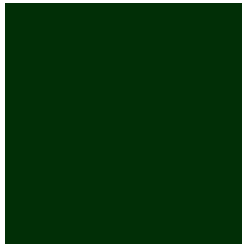
57004D



D600BF

Previews

White Background



This preview shows how the Hex color 012F06 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

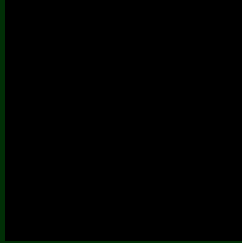
Any Text WCAG AA × Fail

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 012F06 Background



This preview shows how black text looks on a background with the Hex color 012F06.



This preview shows how white text looks on a background with the Hex color 012F06.

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
012F06

Protanopia
2D2804

Deuteranopia
32260C



Tritanopia
142C2F

Trichromacy



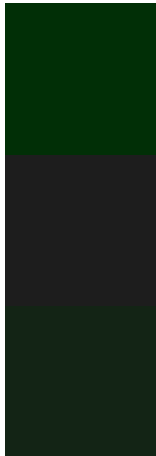
Original Color
012F06

Protanomaly
1D2B05

Deuteranomaly
20290A

Tritanomaly
0D2D20

Monochromacy



Original Color
012F06

Achromatopsia
1D1D1D

Achromatomaly
132415

CSS Examples

Text

The CSS property to change the color of the text to Hex 012F06 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 #012F06 looks like.

```
.text, #text, p{  
    color:#012F06  
}
```

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 #012F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012F06
}
```

Border

The CSS property to change the border of an element to Hex 012F06 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
#012F06 }
```

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

```
.border{ border-color:#012F06 }
```

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

Here you see how a box with a 4 pixel #012F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012F06; -webkit-box-shadow:4px 4px  
4px 4px #012F06; box-shadow:4px 4px 4px  
4px #012F06 }
```

Background

The CSS property to change the background color of an element to Hex 012F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012F06 }
```

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

```
.background{ background-color:#012F06 }
```

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