

Converting Colors

Hex(012D00)

Have a look what the booklet for
Hex(012D00) contains.

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Color

Hex(012D00)

Conversions

Conversions Part 1

Format	Color
Hex	012D00
RGB	1, 45, 0
RGB Percent	0%, 18%, 0%
CMY	0.9961, 0.8235, 1.0000
CMYK	0.98, 0.00, 1.00, 0.82
HSL	119°, 100%, 9%
HSV	119°, 100%, 18%
XYZ	0.9509, 1.8832, 0.3134
YIQ	26.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

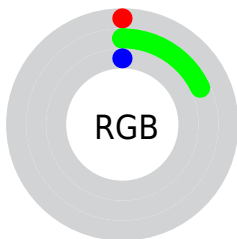
Format	Color
RYB	0, 45, 44
Decimal	77056
CIELab	14.86, -25.29, 21.14
CIELCh	15, 32.962, 140.103
Yxy	1.8832, 0.3021, 0.5983
Android (android.graphics.Color)	4278267136 (0xFF012D00)
YUV	26.7140, -13.1700, -22.5512
Hunter-Lab	13.7231, -11.6467, 8.2522

Details

The Hex color **012D00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C002D**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **315C2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **012D00**, and if you desaturate by 10%, it is **052D04**.

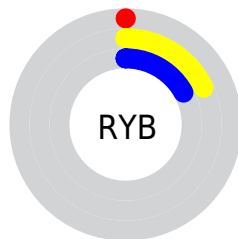
Distribution



Red (0%)

Green (18%)

Blue (0%)



Red (0%)

Yellow (18%)

Blue (17%)

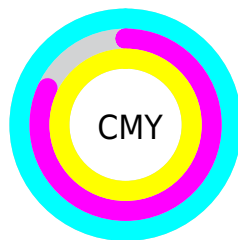


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (100%)

Magenta (82%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012D00 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 012D00 by changing the saturation by 10% instead.

 012D00

 012D00

 E9FFE3

 001A00

 315C2F

 000000

 497446

 628E5E

 7BA977

 96C490

 B1E0AB

 CDFDC7

 012D00

■ 052D04

■ 0A2D09

■ 0E2D0E

■ 132D12

■ 172D17

■ 1B2D1B

■ 202D20

■ 242D24

■ 292D29

Harmonies

Analogous

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



212900



012D00



002F1D

Triad

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



012D00



002B53



4D0B17

Complementary

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



012D00



2C002D

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.



4A0A2E



012D00



0F2351

Square

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



012D00



002E49



391744



461700

Rectangle

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



012D00



00302D



391744



4E081F

Sweetspot

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



012D00



293B29



2D2C00



141F14



9E9E9E



1F1F1F

Same Dimension

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



012D00



013B00



002D15



151715



025700



05D600

Inverse Universe

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



2C002D



39003B



2D0018



171517



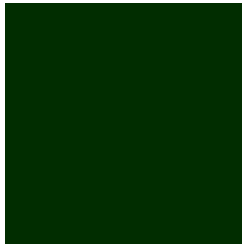
550057



D100D6

Previews

White Background



This preview shows how the Hex color 012D00 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

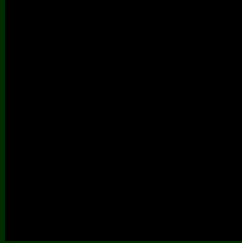
Any Text WCAG AA × Fail

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 012D00 Background



This preview shows how black text looks on a background with the Hex color 012D00.



This preview shows how white text looks on a background with the Hex color 012D00.

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
012D00

Protanopia
2B2700

Deuteranopia
30240A



Tritanopia
132A2D

Trichromacy



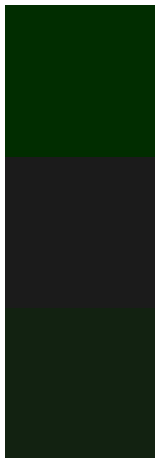
Original Color
012D00

Protanomaly
1C2900

Deuteranomaly
1F2706

Tritanomaly
0C2B1D

Monochromacy



Original Color
012D00

Achromatopsia
1B1B1B

Achromatomaly
122211

CSS Examples

Text

The CSS property to change the color of the text to Hex 012D00 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 #012D00 looks like.

```
.text, #text, p{  
    color:#012D00  
}
```

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 #012D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012D00
}
```

Border

The CSS property to change the border of an element to Hex 012D00 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".

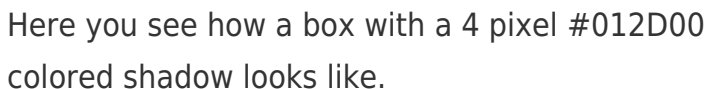
```
.border, #border, table{ border:4px solid
#012D00 }
```

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

```
.border{ border-color:#012D00 }
```

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

Here you see how a box with a 4 pixel #012D00 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 #012D00; -webkit-box-shadow:4px 4px  
4px 4px #012D00; box-shadow:4px 4px 4px  
4px #012D00 }
```

Background

The CSS property to change the background color of an element to Hex 012D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012D00 }
```

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

```
.background{ background-color:#012D00 }
```

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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