

Converting Colors

Hex(013000)

Have a look what the booklet for
Hex(013000) contains.

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Color

Hex(013000)

Conversions

Conversions Part 1

Format	Color
Hex	013000
RGB	1, 48, 0
RGB Percent	0%, 19%, 0%
CMY	0.9961, 0.8118, 1.0000
CMYK	0.98, 0.00, 1.00, 0.81
HSL	119°, 100%, 9%
HSV	119°, 100%, 19%
XYZ	1.0695, 2.1204, 0.3529
YIQ	28.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

Format	Color
RYB	0, 48, 47
Decimal	77824
CIELab	16.11, -26.35, 22.72
CIELCh	16, 34.793, 139.227
Yxy	2.1204, 0.3019, 0.5985
Android (android.graphics.Color)	4278267904 (0xFF013000)
YUV	28.4750, -14.0382, -24.0956
Hunter-Lab	14.5614, -12.3725, 8.7561

Details

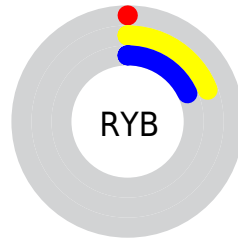
The Hex color **013000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F0030**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **325F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **013000**, and if you desaturate by 10%, it is **063005**.

Distribution



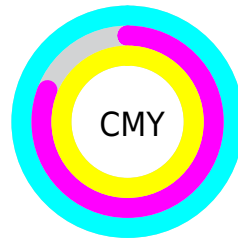
- Red (0%)
- Green (19%)
- Blue (0%)



- Red (0%)
- Yellow (19%)
- Blue (18%)



- Cyan (98%)
- Magenta (0%)
- Yellow (100%)
- Black (81%)





- Cyan (100%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 013000 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 013000 by changing the saturation by 10% instead.

 013000

 013000

 ECFFE3

 001E00

 325F2F

 000000

 4B7846

 64925E

 7EAD77

 98C891

 B3E4AB

 CFFFC7

 013000

■ 063005

■ 0A300A

■ 0F300E

■ 143013

■ 193018

■ 1D301D

■ 223022

■ 273026

■ 2B302B

Harmonies

Analogous

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



242C00



013000



00321E

Triad

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



013000



002E59



520B19

Complementary

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



013000



2F0030

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.



4F0B32



013000



0C2557

Square

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



013000



00324D



3C1949



4B1800

Rectangle

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



013000



00332F



3C1949



530822

Sweetspot

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



013000



2B3D2B



302E00



141F14



9E9E9E



1F1F1F

Same Dimension

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



013000



013D00



003016



151715



025700



04D600

Inverse Universe

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



2F0030



3C003D



30001A



171517



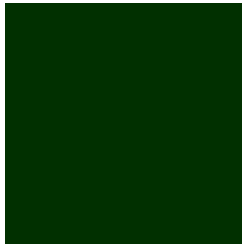
550057



D200D6

Previews

White Background



This preview shows how the Hex color 013000 looks on a white background.

Color Contrast Check

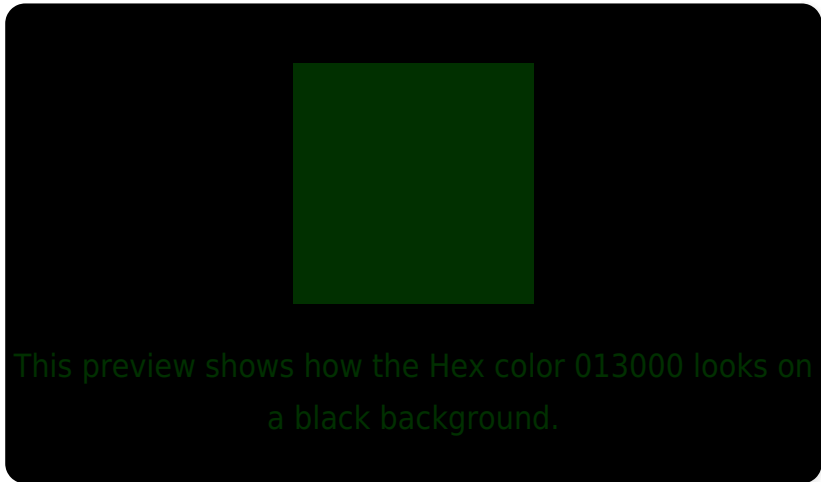
Large Text (above 18pt) WCAG AA ✓ Pass

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

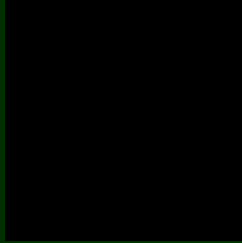
Any Text WCAG AA × Fail

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 013000 Background



This preview shows how black text looks on a background with the Hex color 013000.



This preview shows how white text looks on a background with the Hex color 013000.

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
013000

Protanopia
2E2900

Deuteranopia
34270A



Tritanopia
142D30

Trichromacy



Original Color
013000

Protanomaly
1E2C00

Deuteranomaly
212A06

Tritanomaly
0D2E1F

Monochromacy



Original Color
013000

Achromatopsia
1C1C1C

Achromatomaly
122312

CSS Examples

Text

The CSS property to change the color of the text to Hex 013000 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 #013000 looks like.

```
.text, #text, p{  
    color:#013000  
}
```

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 #013000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013000
}
```

Border

The CSS property to change the border of an element to Hex 013000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

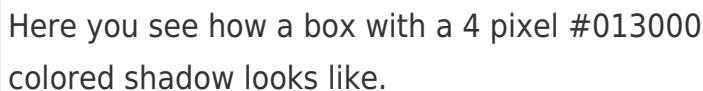
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#013000 }
```

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

```
.border{ border-color:#013000 }
```

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



Here you see how a box with a 4 pixel #013000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013000; -webkit-box-shadow:4px 4px  
4px 4px #013000; box-shadow:4px 4px 4px  
4px #013000 }
```

Background

The CSS property to change the background color of an element to Hex 013000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013000 }
```

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

```
.background{ background-color:#013000 }
```

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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