

Converting Colors

Hex(002810)

Have a look what the booklet for
Hex(002810) contains.

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Color

Hex(002810)

Conversions

Conversions Part 1

Format	Color
Hex	002810
RGB	0, 40, 16
RGB Percent	0%, 16%, 6%
CMY	1.0000, 0.8431, 0.9373
CMYK	1.00, 0.00, 0.60, 0.84
HSL	144°, 100%, 8%
HSV	144°, 100%, 16%
XYZ	0.8523, 1.5550, 0.7454
YIQ	25.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

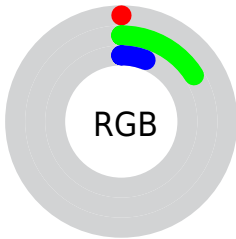
Format	Color
RYB	0, 29, 40
Decimal	10256
CIELab	12.95, -20.92, 11.67
CIELCh	13, 23.957, 150.844
Yxy	1.5550, 0.2703, 0.4932
Android (android.graphics.Color)	4278200336 (0xFF002810)
YUV	25.3040, -4.5869, -22.1916
Hunter-Lab	12.4699, -9.6220, 5.1847

Details

The Hex color **002810** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **280018**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **2E563A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002810**, and if you desaturate by 10%, it is **042812**.

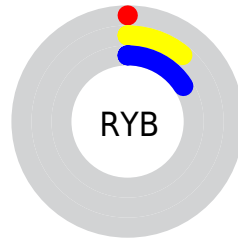
Distribution



Red (0%)

Green (16%)

Blue (6%)



Red (0%)

Yellow (11%)

Blue (16%)

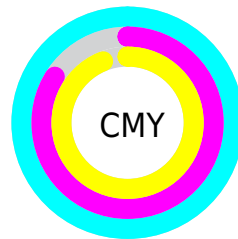


Cyan (100%)

Magenta (0%)

Yellow (60%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002810 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 002810 by changing the saturation by 10% instead.

 002810

 002810

 E5FFF0

 001200

 2E563A

 000000

 466E52

 5F886A

 78A283

 92BD9D

 ADD9B8

 C9F6D4

 002810

■ 042812

■ 082815

■ 0C2817

■ 10281A

■ 14281C

■ 18281E

■ 1C2821

■ 202823

■ 242826

Harmonies

Analogous

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



1A2500



002810



002921

Triad

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



002810



002343



3E1411

Complementary

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



002810



280018

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.



3F1122



002810



221D3E

Square

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



002810



00273E



361532



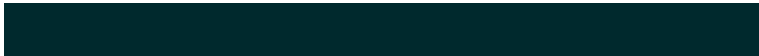
371A00

Rectangle

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



002810



00292D



361532



3F1217

Sweetspot

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



002810



24332A



182800



101A14



999999



1A1A1A

Same Dimension

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



002810



003314



002824



121413



005422



00D455

Inverse Universe

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



280018



33001F



280004



141214



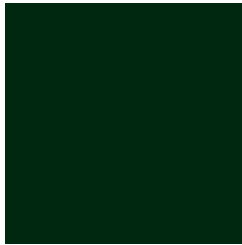
540032



D4007F

Previews

White Background



This preview shows how the Hex color 002810 looks on a white background.

Color Contrast Check

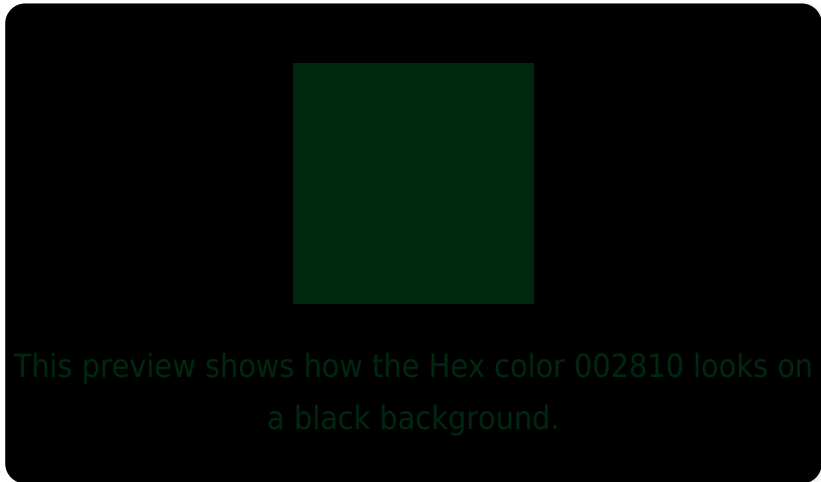
Large Text (above 18pt) WCAG AA ✓ Pass

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

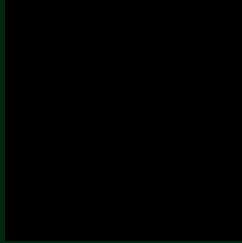
Any Text WCAG AA × Fail

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 002810 Background



This preview shows how black text looks on a background with the Hex color 002810.



This preview shows how white text looks on a background with the Hex color 002810.

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
002810

Protanopia
26220E

Deuteranopia
2A2112



Tritanopia
102629

Trichromacy



Original Color
002810

Protanomaly
18240F

Deuteranomaly
1B2411

Tritanomaly
0A2720

Monochromacy



Original Color
002810

Achromatopsia
191919

Achromatomaly
101E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 002810 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 #002810 looks like.

```
.text, #text, p{  
    color:#002810  
}
```

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 #002810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002810
}
```

Border

The CSS property to change the border of an element to Hex 002810 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".

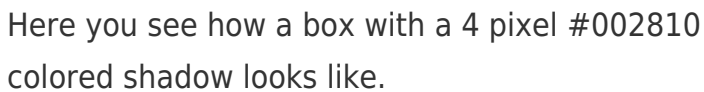
```
.border, #border, table{ border:4px solid
#002810 }
```

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

```
.border{ border-color:#002810 }
```

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

Here you see how a box with a 4 pixel #002810 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002810; -webkit-box-shadow:4px 4px  
4px 4px #002810; box-shadow:4px 4px 4px  
4px #002810 }
```

Background

The CSS property to change the background color of an element to Hex 002810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002810 }
```

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

```
.background{ background-color:#002810 }
```

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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