

Converting Colors

Hex(002816)

Have a look what the booklet for
Hex(002816) contains.

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Color

Hex(002816)

Conversions

Conversions Part 1

Format	Color
Hex	002816
RGB	0, 40, 22
RGB Percent	0%, 16%, 9%
CMY	1.0000, 0.8431, 0.9137
CMYK	1.00, 0.00, 0.45, 0.84
HSL	153°, 100%, 8%
HSV	153°, 100%, 16%
XYZ	0.9036, 1.5755, 1.0155
YIQ	25.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

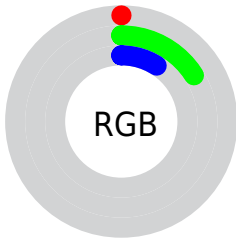
Format	Color
RYB	0, 26, 40
Decimal	10262
CIELab	13.08, -19.42, 8.04
CIELCh	13, 21.022, 157.517
Yxy	1.5755, 0.2586, 0.4508
Android (android.graphics.Color)	4278200342 (0xFF002816)
YUV	25.9880, -1.9661, -22.7915
Hunter-Lab	12.5519, -9.1157, 3.9894

Details

The Hex color **002816** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280012**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **2E5641**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002816**, and if you desaturate by 10%, it is **042818**.

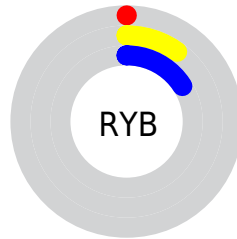
Distribution



Red (0%)

Green (16%)

Blue (9%)



Red (0%)

Yellow (10%)

Blue (16%)

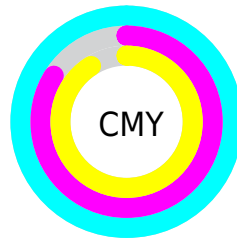


Cyan (100%)

Magenta (0%)

Yellow (45%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002816 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 002816 by changing the saturation by 10% instead.

 002816

 002816

 E5FFF8

 001300

 2E5641

 000000

 466E58

 5F8870

 78A28A

 92BDA4

 ADD9BF

 C9F6DB

 002816

■ 042818

■ 08281A

■ 0C281B

■ 10281D

■ 14281F

■ 182821

■ 1C2823

■ 202824

■ 242826

Harmonies

Analogous

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



182606



002816



002925

Triad

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



002816



0B223F



3A1710

Complementary

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



002816



280012

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.



3C141F



002816



271C39

Square

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



002816



00263C



36172D



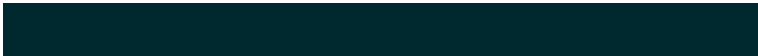
331D00

Rectangle

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



002816



00292F



36172D



3C1615

Sweetspot

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



002816



24332C



122800



101A15



999999



1A1A1A

Same Dimension

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



002816



00331C



002628



121413



00542E



00D474

Inverse Universe

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



280012



330017



280200



141213



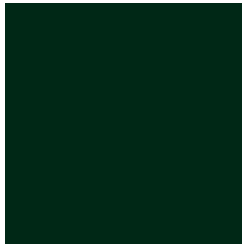
540026



D4005F

Previews

White Background



This preview shows how the Hex color 002816 looks on a white background.

Color Contrast Check

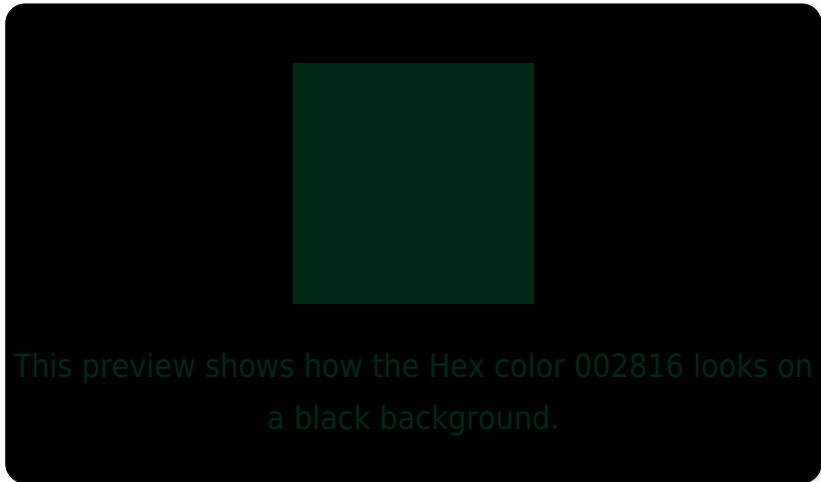
Large Text (above 18pt) WCAG AA ✓ Pass

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 002816 Background



This preview shows how black text looks on a background with the Hex color 002816.



This preview shows how white text looks on a background with the Hex color 002816.

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
002816

Protanopia
262314

Deuteranopia
292118



Tritanopia
0F2629

Trichromacy



Original Color
002816

Protanomaly
182515

Deuteranomaly
1A2417

Tritanomaly
0A2722

Monochromacy



Original Color
002816

Achromatopsia
1A1A1A

Achromatomaly
111F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 002816 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 #002816 looks like.

```
.text, #text, p{  
    color:#002816  
}
```

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 #002816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002816
}
```

Border

The CSS property to change the border of an element to Hex 002816 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
#002816 }
```

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

```
.border{ border-color:#002816 }
```

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

Here you see how a box with a 4 pixel #002816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002816; -webkit-box-shadow:4px 4px  
4px 4px #002816; box-shadow:4px 4px 4px  
4px #002816 }
```

Background

The CSS property to change the background color of an element to Hex 002816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002816 }
```

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

```
.background{ background-color:#002816 }
```

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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