

Converting Colors

Hex(002419)

Have a look what the booklet for
Hex(002419) contains.

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Color

Hex(002419)

Conversions

Conversions Part 1

Format	Color
Hex	002419
RGB	0, 36, 25
RGB Percent	0%, 14%, 10%
CMY	1.0000, 0.8588, 0.9020
CMYK	1.00, 0.00, 0.31, 0.86
HSL	162°, 100%, 7%
HSV	162°, 100%, 14%
XYZ	0.8063, 1.3319, 1.1343
YIQ	23.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

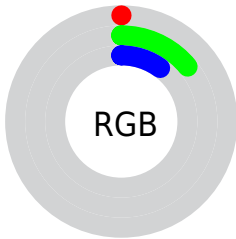
Format	Color
RYB	0, 21, 36
Decimal	9241
CIELab	11.50, -16.53, 3.73
CIELCh	11, 16.941, 167.286
Yxy	1.3319, 0.2464, 0.4070
Android (android.graphics.Color)	4278199321 (0xFF002419)
YUV	23.9820, 0.5019, -21.0322
Hunter-Lab	11.5410, -7.7253, 2.2514

Details

The Hex color **002419** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24000B**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **2D5144**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002419**, and if you desaturate by 10%, it is **04241A**.

Distribution



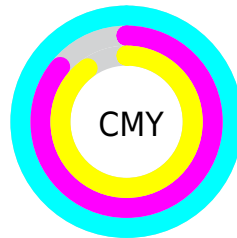
- Red (0%)
- Green (14%)
- Blue (10%)



- Red (0%)
- Yellow (8%)
- Blue (14%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (86%)



- Cyan (100%)
- Magenta (86%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002419 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 002419 by changing the saturation by 10% instead.

 002419

 002419

 E3FFFB

 000A00

 2D5144

 000000

 45695B

 5D8374

 769D8D

 90B8A8

 ABD3C3

 C7F0DF

 002419

■ 04241A

■ 07241B

■ 0B241C

■ 0E241D

■ 12241F

■ 162420

■ 192421

■ 1D2422

■ 202423

Harmonies

Analogous

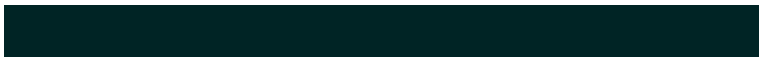
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12230D



002419



002425

Triad

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



002419



171D35



31180C

Complementary

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



002419



24000B

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.



341518



002419



28192E

Square

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



002419



002135



311524



2A1C02

Rectangle

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



002419



00242C



311524



331710

Sweetspot

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



002419



202E2A



0B2400



0F1714



969696



171717

Same Dimension

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



002419



002E20



001D24



101211



005239



00D191

Inverse Universe

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



24000B



2E000E



240700



121011



520019



D10040

Previews

White Background



This preview shows how the Hex color 002419 looks on a white background.

Color Contrast Check

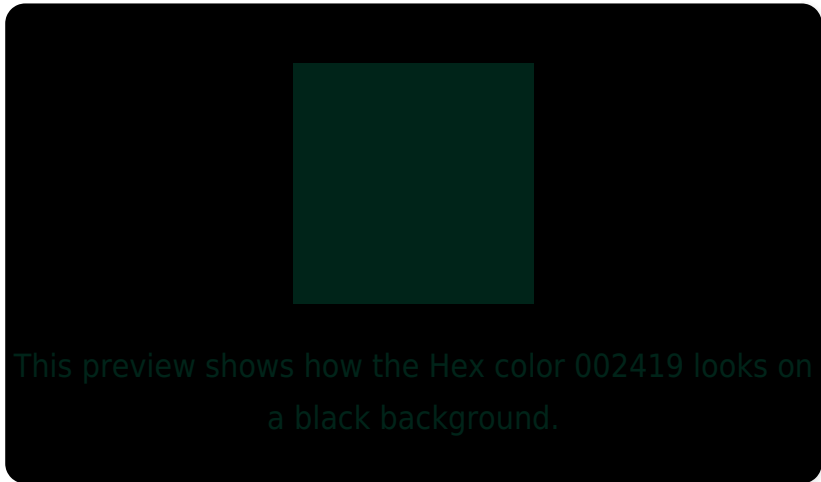
Large Text (above 18pt) WCAG AA ✓ Pass

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

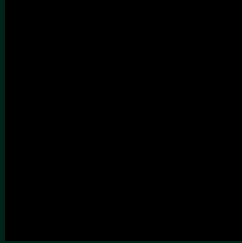
Any Text WCAG AA × Fail

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 002419 Background



This preview shows how black text looks on a background with the Hex color 002419.



This preview shows how white text looks on a background with the Hex color 002419.

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

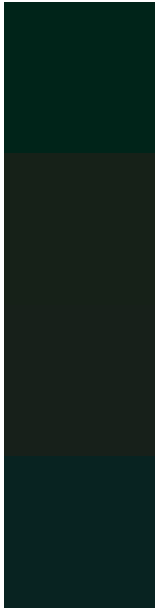


Original Color
002419

Protanopia
221F17

Deuteranopia
241E1A

Trichromacy



Original Color
002419

Protanomaly
162118

Deuteranomaly
17201A

Tritanomaly
082321

Monochromacy



Original Color
002419

Achromatopsia
181818

Achromatomaly
0F1C18

CSS Examples

Text

The CSS property to change the color of the text to Hex 002419 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 #002419 looks like.

```
.text, #text, p{  
    color:#002419  
}
```

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 #002419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002419
}
```

Border

The CSS property to change the border of an element to Hex 002419 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".

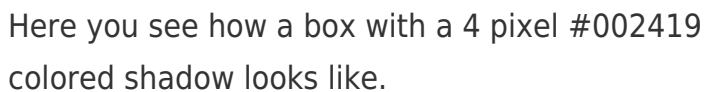
```
.border, #border, table{ border:4px solid
#002419 }
```

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

```
.border{ border-color:#002419 }
```

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

Here you see how a box with a 4 pixel #002419 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002419; -webkit-box-shadow:4px 4px  
4px 4px #002419; box-shadow:4px 4px 4px  
4px #002419 }
```

Background

The CSS property to change the background color of an element to Hex 002419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002419 }
```

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

```
.background{ background-color:#002419 }
```

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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