

Converting Colors

Hex(002501)

Have a look what the booklet for
Hex(002501) contains.

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Color

Hex(002501)

Conversions

Conversions Part 1

Format	Color
Hex	002501
RGB	0, 37, 1
RGB Percent	0%, 15%, 0%
CMY	1.0000, 0.8549, 0.9961
CMYK	1.00, 0.00, 0.97, 0.85
HSL	122°, 100%, 7%
HSV	122°, 100%, 15%
XYZ	0.6670, 1.3253, 0.2494
YIQ	21.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 37
Decimal	9473
CIELab	11.45, -22.03, 16.18
CIELCh	11, 27.336, 143.716
Yxy	1.3253, 0.2976, 0.5912
Android (android.graphics.Color)	4278199553 (0xFF002501)
YUV	21.8330, -10.2707, -19.1475
Hunter-Lab	11.5123, -9.8038, 6.7743

Details

The Hex color **002501** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **250024**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **2C5230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002501**, and if you desaturate by 10%, it is **042505**.

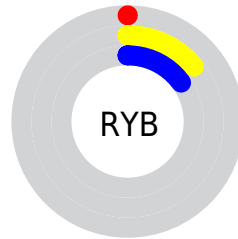
Distribution



Red (0%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (14%)

Blue (15%)

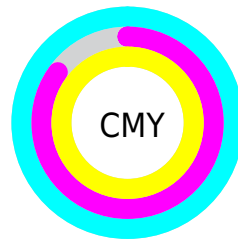


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002501 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 002501 by changing the saturation by 10% instead.

 002501

 002501

 E2FFE3

 000A00

 2C5230

 000000

 446B46

 5C845E

 769E77

 90BA91

 ABD5AB

 C6F2C7

 002501

■ 042505

■ 072508

■ 0B250C

■ 0F250F

■ 132513

■ 162517

■ 1A251A

■ 1E251E

■ 212521

Harmonies

Analogous

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



1A2200



002501



00271A

Triad

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



002501



002244



3F0B10

Complementary

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



002501



250024

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.



3D0A23



002501



141B41

Square

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



002501



00253C



311235



381400

Rectangle

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



002501



002727



311235



3F0917

Sweetspot

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



002501



223022



242500



101A11



999999



1A1A1A

Same Dimension

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



002501



003001



002513



101210



005202



00D106

Inverse Universe

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



250024



30002F



250012



121012



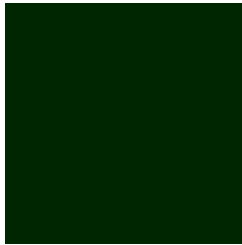
52004F



D100CB

Previews

White Background



This preview shows how the Hex color 002501 looks on a white background.

Color Contrast Check

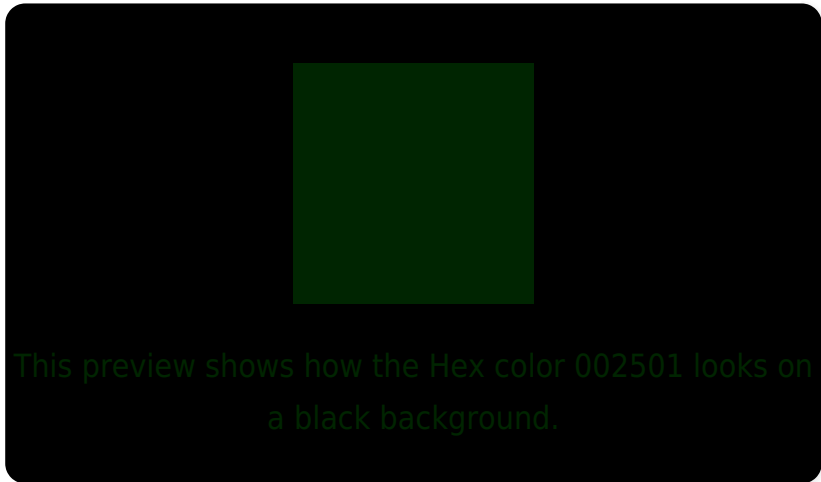
Large Text (above 18pt) WCAG AA ✓ Pass

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

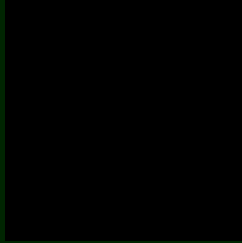
Any Text WCAG AA × Fail

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 002501 Background



This preview shows how black text looks on a background with the Hex color 002501.



This preview shows how white text looks on a background with the Hex color 002501.

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
002501

Protanopia
242000

Deuteranopia
281E08



Tritanopia
102225

Trichromacy



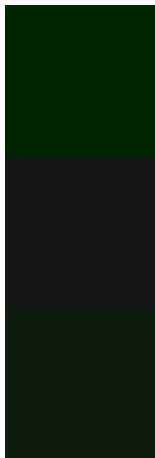
Original Color
002501

Protanomaly
172200

Deuteranomaly
192105

Tritanomaly
0A2318

Monochromacy



Original Color
002501

Achromatopsia
161616

Achromatomaly
0E1B0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002501 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 #002501 looks like.

```
.text, #text, p{  
    color:#002501  
}
```

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 #002501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002501
}
```

Border

The CSS property to change the border of an element to Hex 002501 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".

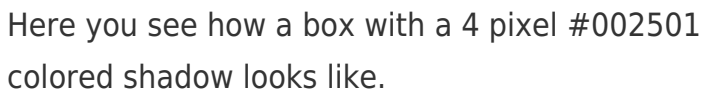
```
.border, #border, table{ border:4px solid
#002501 }
```

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

```
.border{ border-color:#002501 }
```

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

Here you see how a box with a 4 pixel #002501 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002501; -webkit-box-shadow:4px 4px  
4px 4px #002501; box-shadow:4px 4px 4px  
4px #002501 }
```

Background

The CSS property to change the background color of an element to Hex 002501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002501 }
```

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

```
.background{ background-color:#002501 }
```

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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