

Converting Colors

Hex(002601)

Have a look what the booklet for
Hex(002601) contains.

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Color

Hex(002601)

Conversions

Conversions Part 1

Format	Color
Hex	002601
RGB	0, 38, 1
RGB Percent	0%, 15%, 0%
CMY	1.0000, 0.8510, 0.9961
CMYK	1.00, 0.00, 0.97, 0.85
HSL	122°, 100%, 7%
HSV	122°, 100%, 15%
XYZ	0.6986, 1.3884, 0.2599
YIQ	22.4200, -10.7710, -19.5630

Conversions

Conversions Part 2

Format	Color
RYB	0, 37, 38
Decimal	9729
CIELab	11.88, -22.59, 16.77
CIELCh	12, 28.133, 143.419
Yxy	1.3884, 0.2977, 0.5916
Android (android.graphics.Color)	4278199809 (0xFF002601)
YUV	22.4200, -10.5601, -19.6623
Hunter-Lab	11.7831, -10.0376, 6.9405

Details

The Hex color **002601** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **260025**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2C5430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002601**, and if you desaturate by 10%, it is **042605**.

Distribution



Red (0%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

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 002601 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 002601 by changing the saturation by 10% instead.

 002601

 002601

 E3FFE3

 000D00

 2C5430

 000000

 446C46

 5D865E

 76A077

 90BB91

 ABD7AB

 C7F3C7

 002601

■ 042605

■ 082608

■ 0B260C

■ 0F2610

■ 132613

■ 172617

■ 1B261B

■ 1E261F

■ 222622

Harmonies

Analogous

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



1A2300



002601



00281A

Triad

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



002601



002346



410B10

Complementary

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



002601



260025

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.



3F0924



002601



141C43

Square

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



002601



00273E



321237



3A1400

Rectangle

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



002601



002828



321237



410917

Sweetspot

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



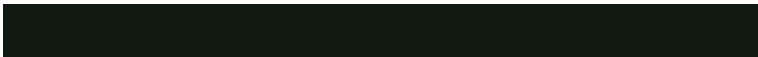
002601



223022



252600



101A11



999999



1A1A1A

Same Dimension

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



002601



003001



002614



101210



005202



00D106

Inverse Universe

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



260025



30002F



260012



121012



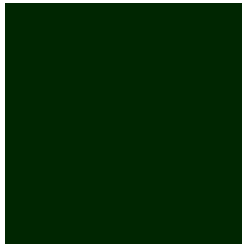
52004F



D100CC

Previews

White Background



This preview shows how the Hex color 002601 looks on a white background.

Color Contrast Check

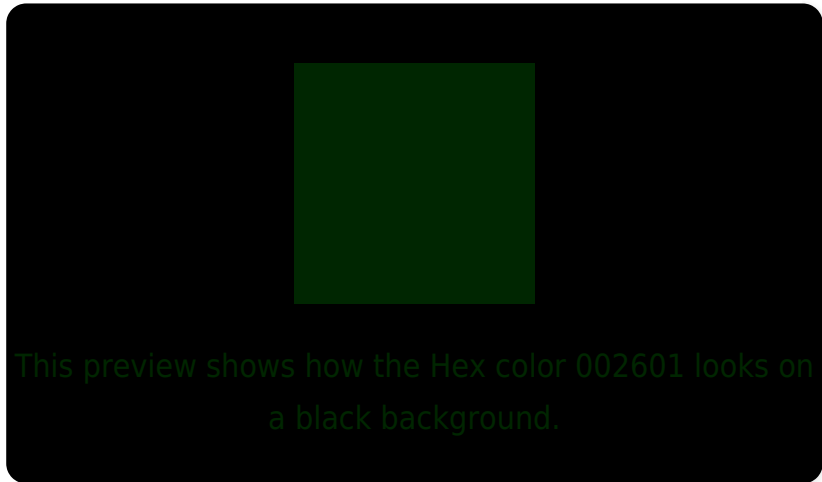
Large Text (above 18pt) WCAG AA ✓ Pass

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

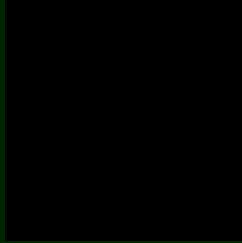
Any Text WCAG AA × Fail

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 002601 Background



This preview shows how black text looks on a background with the Hex color 002601.



This preview shows how white text looks on a background with the Hex color 002601.

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
002601

Protanopia
252100

Deuteranopia
291F08



Tritanopia
102326

Trichromacy



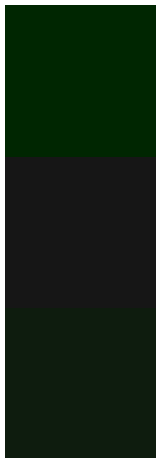
Original Color
002601

Protanomaly
182300

Deuteranomaly
1A2205

Tritanomaly
0A2419

Monochromacy



Original Color
002601

Achromatopsia
161616

Achromatomaly
0E1C0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002601 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 #002601 looks like.

```
.text, #text, p{  
    color:#002601  
}
```

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 #002601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002601
}
```

Border

The CSS property to change the border of an element to Hex 002601 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".

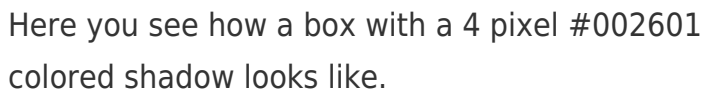
```
.border, #border, table{ border:4px solid
#002601 }
```

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

```
.border{ border-color:#002601 }
```

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

Here you see how a box with a 4 pixel #002601 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002601; -webkit-box-shadow:4px 4px  
4px 4px #002601; box-shadow:4px 4px 4px  
4px #002601 }
```

Background

The CSS property to change the background color of an element to Hex 002601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002601 }
```

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

```
.background{ background-color:#002601 }
```

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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