

Converting Colors

Hex(00400D)

Have a look what the booklet for
Hex(00400D) contains.

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Color

Hex(00400D)

Conversions

Conversions Part 1

Format	Color
Hex	00400D
RGB	0, 64, 13
RGB Percent	0%, 25%, 5%
CMY	1.0000, 0.7490, 0.9490
CMYK	1.00, 0.00, 0.80, 0.75
HSL	132°, 100%, 13%
HSV	132°, 100%, 25%
XYZ	1.9060, 3.6959, 0.9937
YIQ	39.0500, -21.7730, -29.4290

Conversions

Conversions Part 2

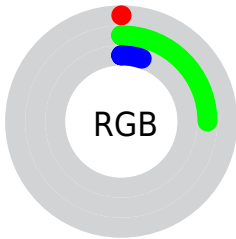
Format	Color
RYB	0, 53, 64
Decimal	16397
CIELab	22.64, -30.71, 24.82
CIELCh	23, 39.486, 141.047
Yxy	3.6959, 0.2890, 0.5604
Android (android.graphics.Color)	4278206477 (0xFF00400D)
YUV	39.0500, -12.8426, -34.2468
Hunter-Lab	19.2246, -15.9455, 10.3926

Details

The Hex color **00400D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **400033**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **39713A**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **00400D**, and if you desaturate by 10%, it is **064012**.

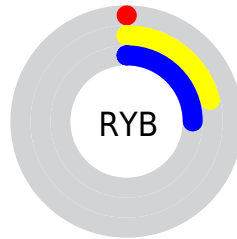
Distribution



Red (0%)

Green (25%)

Blue (5%)



Red (0%)

Yellow (21%)

Blue (25%)

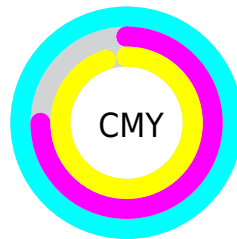


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (75%)



Cyan (100%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00400D 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 00400D by changing the saturation by 10% instead.

 00400D

 00400D

 F6FFF1

 002900

 39713A

 001100

 528A51

 000000

 6CA56A

 87C084

 A2DC9E

 BDF9B9

 DAFFD5

 00400D

■ 064012

■ 0D4017

■ 13401C

■ 1A4021

■ 204027

■ 26402C

■ 2D4031

■ 334036

■ 3A403B

Harmonies

Analogous

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



303B00



00400D



00422C

Triad

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



00400D



003C71



691623

Complementary

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



00400D



400033

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.



651540



00400D



1F326D

Square

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



00400D



004164



50235B



5E2405

Rectangle

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



00400D



004341



50235B



69132D

Sweetspot

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



00400D



3B5440



334000



1C2B1F



ABABAB



2B2B2B

Same Dimension

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



00400D



005411



00402D



1E211F



006114



00E02E

Inverse Universe

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



400033



540043



400013



211E20



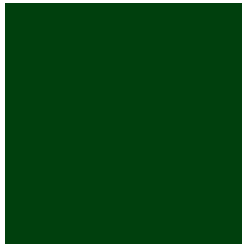
61004D



E000B3

Previews

White Background



This preview shows how the Hex color 00400D looks on a white background.

Color Contrast Check

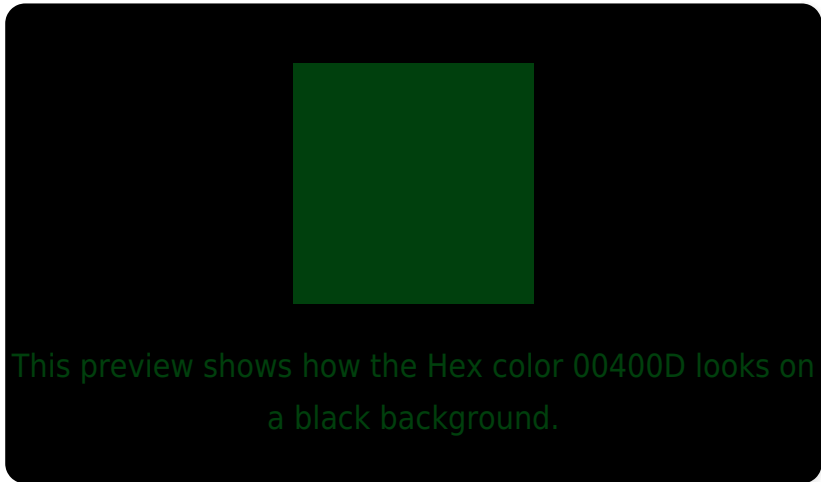
Large Text (above 18pt) WCAG AA ✓ Pass

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

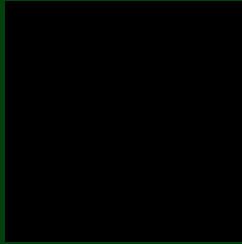
Any Text WCAG AA × Fail

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 00400D Background



This preview shows how black text looks on a background with the Hex color 00400D.



This preview shows how white text looks on a background with the Hex color 00400D.

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
00400D

Protanopia
3E370B

Deuteranopia
443413



Tritanopia
1B3C40

Trichromacy



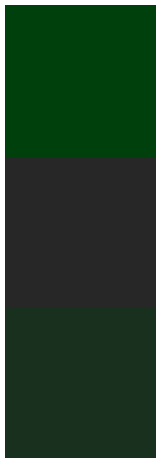
Original Color
00400D

Protanomaly
273A0C

Deuteranomaly
2B3811

Tritanomaly
113D2D

Monochromacy



Original Color
00400D

Achromatopsia
272727

Achromatomaly
19301E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00400D 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 #00400D looks like.

```
.text, #text, p{  
    color:#00400D  
}
```

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 #00400D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00400D
}
```

Border

The CSS property to change the border of an element to Hex 00400D 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
#00400D }
```

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

```
.border{ border-color:#00400D }
```

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

Here you see how a box with a 4 pixel #00400D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00400D; -webkit-box-shadow:4px 4px  
4px 4px #00400D; box-shadow:4px 4px 4px  
4px #00400D }
```

Background

The CSS property to change the background color of an element to Hex 00400D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00400D }
```

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

```
.background{ background-color:#00400D }
```

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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