

# Converting Colors

Hex(003502)

Have a look what the booklet for  
Hex(003502) contains.

<b>Hex(003502)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(003502)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003502
RGB	0, 53, 2
RGB Percent	0%, 21%, 1%
CMY	1.0000, 0.7922, 0.9922
CMYK	1.00, 0.00, 0.96, 0.79
HSL	122°, 100%, 10%
HSV	122°, 100%, 21%
XYZ	1.2841, 2.5506, 0.4821
YIQ	31.3390, -15.2170, -27.0970

# Conversions

## Conversions Part 2

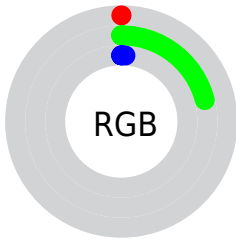
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 51, 53
Decimal	13570
CIELab	18.15, -28.10, 24.39
CIELCh	18, 37.207, 139.039
Yxy	2.5506, 0.2975, 0.5909
Android (android.graphics.Color)	4278203650 (0xFF003502)
YUV	31.3390, -14.4641, -27.4843
Hunter-Lab	15.9706, -13.5968, 9.3897

# Details

The Hex color **003502** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **350033**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **346530**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003502**, and if you desaturate by 10%, it is **053507**.

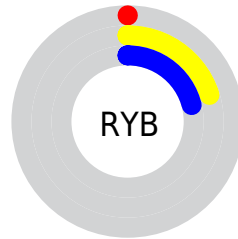
# Distribution



Red (0%)

Green (21%)

Blue (1%)



Red (0%)

Yellow (20%)

Blue (21%)

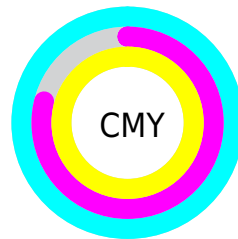


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (79%)



Cyan (100%)

Magenta (79%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003502 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 003502 by changing the saturation by 10% instead.



 003502

 003502

 EFFFEE5

 002100

 346530

 000000

 4D7E48

 669860

 80B379

 9BCF93

 B6EBAE

 D2FFC9

 003502

■ 053507

■ 0B350C

■ 103511

■ 153516

■ 1B351C

■ 203521

■ 253526

■ 2A352B

■ 303530

# Harmonies

## Analogous

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



283000



003502



003721

# Triad

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



003502



003262



5A0C1D

# Complementary

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



003502



350033

# 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.



560C37



003502



0D2A60

# Square

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



003502



003755



421C50



521B00

# Rectangle

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



003502



003834



421C50



5B0925



# Sweetspot

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



003502



304531



333500



172417



A3A3A3



242424



# Same Dimension

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



003502



004503



00351C



171A17



005903



00D908



# Inverse Universe

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



350033



450042



350019



1A1719



590056

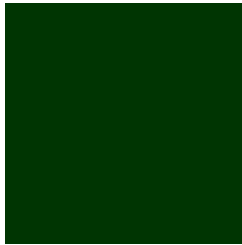


D900D1



# Previews

## White Background



This preview shows how the Hex color 003502 looks on a white background.

## Color Contrast Check

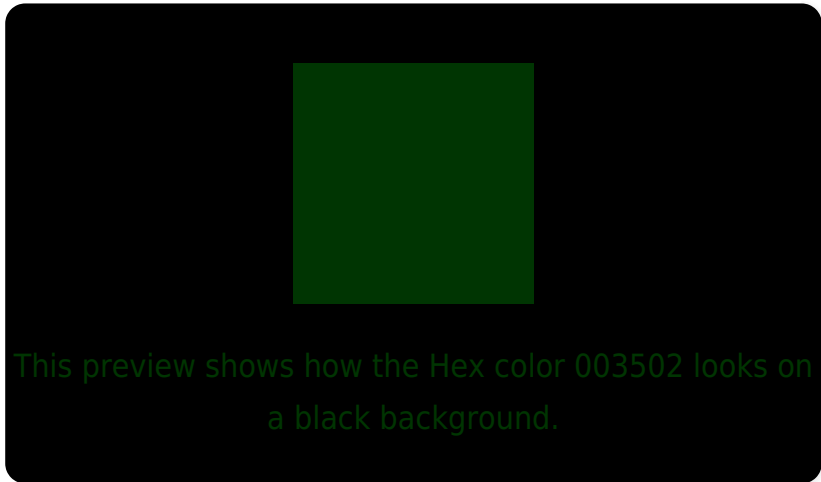
Large Text (above 18pt) WCAG AA ✓ Pass

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

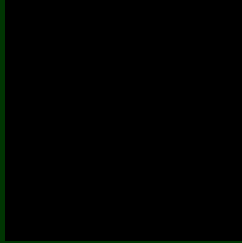
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 003502 Background



This preview shows how black text looks on a background with the Hex color 003502.



This preview shows how white text looks on a background with the Hex color 003502.

# 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](#).

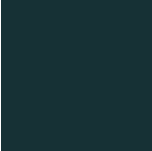
## Dichromacy



**Original Color**  
003502

**Protanopia**  
332D00

**Deuteranopia**  
392B0C



**Tritanopia**  
163135

# Trichromacy



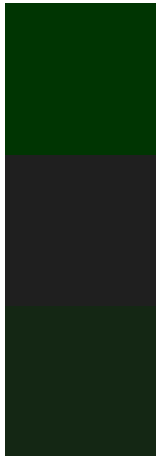
**Original Color**  
003502

**Protanomaly**  
203001

**Deuteranomaly**  
242F08

**Tritanomaly**  
0E3222

# Monochromacy



**Original Color**  
003502

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
142714

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003502 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 #003502 looks like.

```
.text, #text, p{  
    color:#003502  
}
```

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 #003502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003502
}
```

## Border

The CSS property to change the border of an element to Hex 003502 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".

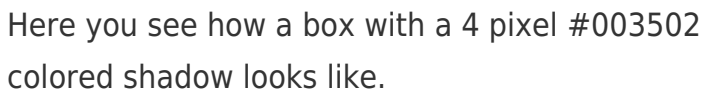
```
.border, #border, table{ border:4px solid
#003502 }
```

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

```
.border{ border-color:#003502 }
```

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

Here you see how a box with a 4 pixel #003502 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003502; -webkit-box-shadow:4px 4px  
4px 4px #003502; box-shadow:4px 4px 4px  
4px #003502 }
```

# Background

The CSS property to change the background color of an element to Hex 003502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003502 }
```

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

```
.background{ background-color:#003502 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor