

# Converting Colors

Hex(00500C)

Have a look what the booklet for  
Hex(00500C) contains.

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**Color**

**Hex(00500C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00500C
RGB	0, 80, 12
RGB Percent	0%, 31%, 5%
CMY	1.0000, 0.6863, 0.9529
CMYK	1.00, 0.00, 0.85, 0.69
HSL	129°, 100%, 16%
HSV	129°, 100%, 31%
XYZ	2.9350, 5.7639, 1.3057
YIQ	48.3280, -25.8520, -38.1080

# Conversions

## Conversions Part 2

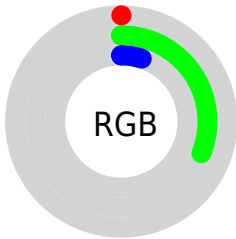
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 70, 80</a>
Decimal	<a href="#">20492</a>
CIELab	<a href="#">28.81, -36.28, 31.48</a>
CIELCh	<a href="#">29, 48.029, 139.050</a>
Yxy	<a href="#">5.7639, 0.2934, 0.5761</a>
Android (android.graphics.Color)	<a href="#">4278210572 (0xFF00500C)</a>
YUV	<a href="#">48.3280, -17.9097, -42.3837</a>
Hunter-Lab	<a href="#">24.0081, -20.1922, 13.5812</a>

# Details

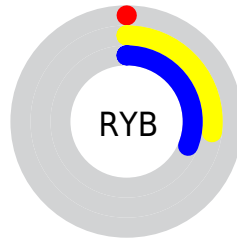
The Hex color **00500C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **500044**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **40823C**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **00500C**, and if you desaturate by 10%, it is **085013**.

# Distribution



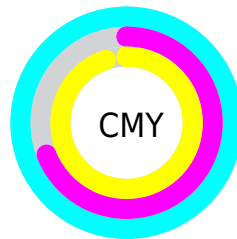
- Red (0%)
- Green (31%)
- Blue (5%)



- Red (0%)
- Yellow (27%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00500C 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 00500C by changing the saturation by 10% instead.



 00500C

 00500C

 FFFFF5

 003800

 40823C

 002400

 5A9D54

 000000

 75B86D

 90D487

 ABF0A1

 C7FFBD

 E4FFD9

 00500C

■ 085013

■ 10501A

■ 185020

■ 205027

■ 28502E

■ 305035

■ 38503C

■ 405042

■ 485049

# Harmonies

## Analogous

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



3E4900



00500C



005335

# Triad

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



00500C



004C8D



84192E

# Complementary

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



00500C



500044

# 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.



7E1953



00500C



1A408B

# Square

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



00500C



00527C



622D75



772C0A

# Rectangle

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



00500C



00544F



622D75



84153A



# Sweetspot

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



00500C



49694E



445000



223625



B5B5B5



363636



# Same Dimension

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



00500C



006910



005034



252925



00E823

# Inverse Universe

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



500044



690059



50001C



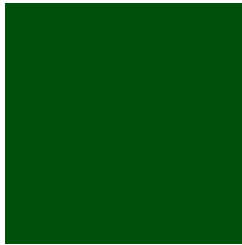
292528



E800C5

# Previews

## White Background



This preview shows how the Hex color 00500C looks on a white background.

## Color Contrast Check

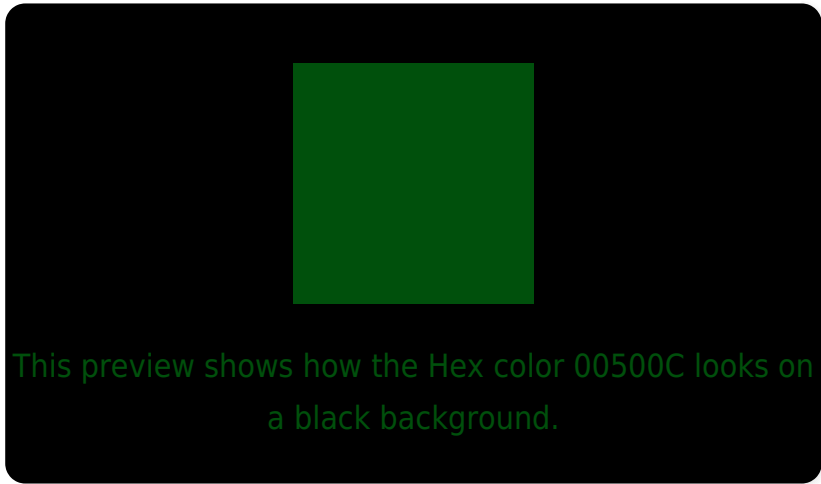
Large Text (above 18pt) WCAG AA ✓ Pass

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

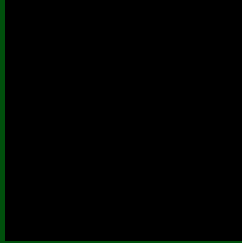
Any Text WCAG AA × Fail

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 00500C Background



This preview shows how black text looks on a background with the Hex color 00500C.



This preview shows how white text looks on a background with the Hex color 00500C.

# 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

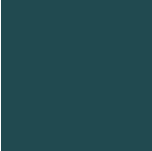


**Original Color**  
00500C

**Protanopia**  
4D4509

**Deuteranopia**  
564115





**Tritanopia**  
214A50

# Trichromacy



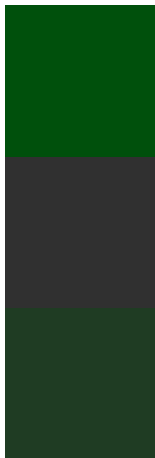
**Original Color**  
00500C

**Protanomaly**  
31490A

**Deuteranomaly**  
374612

**Tritanomaly**  
154C37

# Monochromacy



**Original Color**  
00500C

**Achromatopsia**  
303030

**Achromatomaly**  
1F3C23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00500C 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 #00500C looks like.

```
.text, #text, p{  
    color:#00500C  
}
```

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 #00500C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00500C
}
```

## Border

The CSS property to change the border of an element to Hex 00500C 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".

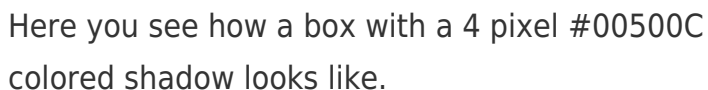
```
.border, #border, table{ border:4px solid
#00500C }
```

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

```
.border{ border-color:#00500C }
```

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

Here you see how a box with a 4 pixel #00500C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00500C; -webkit-box-shadow:4px 4px  
4px 4px #00500C; box-shadow:4px 4px 4px  
4px #00500C }
```

# Background

The CSS property to change the background color of an element to Hex 00500C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00500C }
```

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

```
.background{ background-color:#00500C }
```

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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