

# Converting Colors

Hex(396C0E)

Have a look what the booklet for  
Hex(396C0E) contains.

<b>Hex(396C0E)</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(396C0E)

# Conversions

## Conversions Part 1

Format	Color
Hex	396C0E
RGB	57, 108, 14
RGB Percent	22%, 42%, 5%
CMY	0.7765, 0.5765, 0.9451
CMYK	0.47, 0.00, 0.87, 0.58
HSL	93°, 77%, 24%
HSV	93°, 87%, 42%
XYZ	7.1292, 11.6267, 2.2839
YIQ	82.0350, -0.2220, -40.0460

# Conversions

## Conversions Part 2

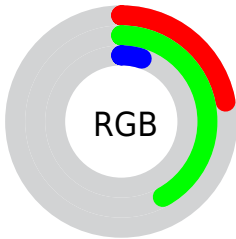
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 108, 65
Decimal	3763214
CIELab	40.62, -33.17, 42.46
CIELCh	41, 53.880, 128.001
Yxy	11.6267, 0.3388, 0.5526
Android (android.graphics.Color)	4281953294 (0xFF396C0E)
YUV	82.0350, -33.5413, -21.9557
Hunter-Lab	34.0979, -22.3507, 19.8973

# Details

The Hex color **396C0E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **410E6C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6DA043**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **336C03**, and if you desaturate by 10%, it is **3F6C19**.

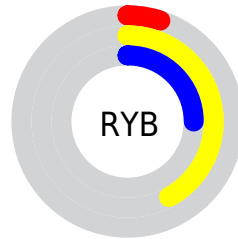
# Distribution



Red (22%)

Green (42%)

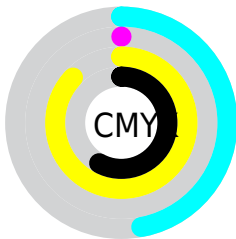
Blue (5%)



Red (5%)

Yellow (42%)

Blue (25%)

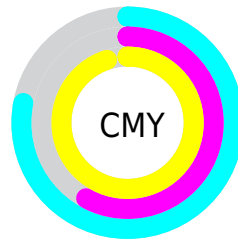


Cyan (47%)

Magenta (0%)

Yellow (87%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 396C0E 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 396C0E by changing the saturation by 10% instead.





396C0E



396C0E

FFFFFF



1E5300



6DA043



003C00



88BB5C



002600



A4D776



000400



C0F490



000000



DCFFAC



F9FFC7



FFFFE4



396C0E



396C0E

■ 336C03

■ 3F6C19

■ 316C00

■ 456C24

■ 4B6C2E

■ 506C39

■ 566C44

■ 5C6C4F

■ 626C5A

■ 686C64

■ 6E6C6F

# Harmonies

## Analogous

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



696200



396C0E



00723D

# Triad

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



396C0E



006DB2



AD2F56

# Complementary

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



396C0E



410E6C

# 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.



9D3882



396C0E



0061B8

# Square

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



396C0E



007395



6F4EA6



A63D2C

# Rectangle

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



396C0E



00735B



6F4EA6



AB2F65



# Sweetspot

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



396C0E



788C68



6C400E



3B4731



C7C7C7



474747



# Same Dimension

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



396C0E



408C00



0E6C11



333630



367500



70F500



# Inverse Universe

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



410E6C



4C008C



6C0E69



333036



400075

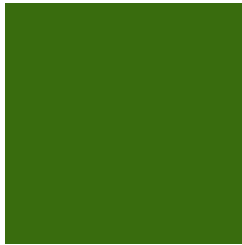


8500F5



# Previews

## White Background



This preview shows how the Hex color 396C0E looks on a white background.

## Color Contrast Check

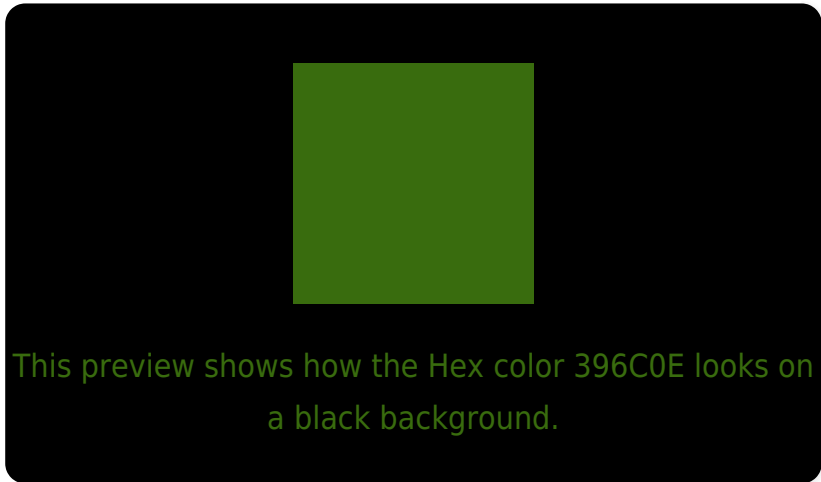
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 396C0E Background



This preview shows how black text looks on a background with the Hex color 396C0E.



This preview shows how white text looks on a background with the Hex color 396C0E.

# 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**  
396C0E

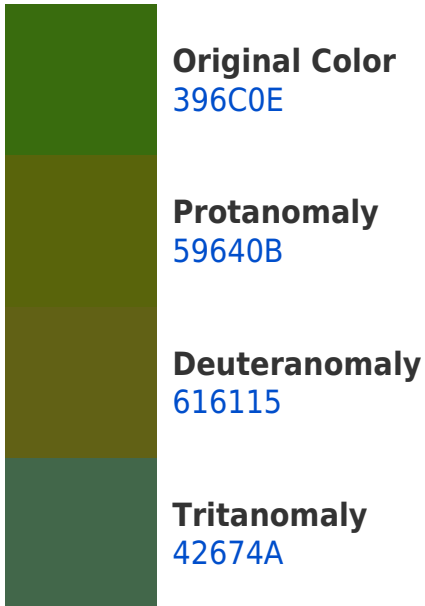
**Protanopia**  
6C600A

**Deuteranopia**  
785B19



**Tritanopia**  
47646D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 396C0E 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 #396C0E looks like.

```
.text, #text, p{  
    color:#396C0E  
}
```

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 #396C0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396C0E
}
```

## Border

The CSS property to change the border of an element to Hex 396C0E 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
#396C0E }
```

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

```
.border{ border-color:#396C0E }
```

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

Here you see how a box with a 4 pixel #396C0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396C0E; -webkit-box-shadow:4px 4px  
4px 4px #396C0E; box-shadow:4px 4px 4px  
4px #396C0E }
```

# Background

The CSS property to change the background color of an element to Hex 396C0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396C0E }
```

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

```
.background{ background-color:#396C0E }
```

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