

# Converting Colors

Hex(396E09)

Have a look what the booklet for  
Hex(396E09) contains.

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**Color**

**Hex(396E09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	396E09
RGB	57, 110, 9
RGB Percent	22%, 43%, 4%
CMY	0.7765, 0.5686, 0.9647
CMYK	0.48, 0.00, 0.92, 0.57
HSL	91°, 85%, 23%
HSV	91°, 92%, 43%
XYZ	7.3126, 12.0414, 2.1973
YIQ	82.6390, 0.8330, -42.6470

# Conversions

## Conversions Part 2

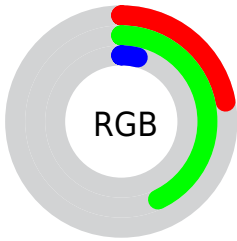
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 110, 62
Decimal	3763721
CIE <sub>Lab</sub>	41.28, -34.25, 44.31
CIE <sub>LCh</sub>	41, 56.003, 127.700
Yxy	12.0414, 0.3393, 0.5587
Android (android.graphics.Color)	4281953801 (0xFF396E09)
YUV	82.6390, -36.3040, -22.4854
Hunter-Lab	34.7008, -23.1106, 20.5363

# Details

The Hex color **396E09** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E096E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6EA241**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **346E00**, and if you desaturate by 10%, it is **3F6E14**.

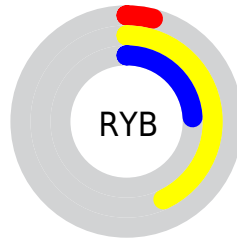
# Distribution



Red (22%)

Green (43%)

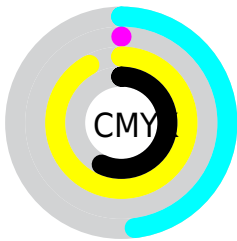
Blue (4%)



Red (4%)

Yellow (43%)

Blue (24%)

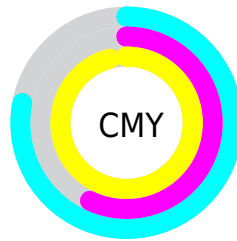


Cyan (48%)

Magenta (0%)

Yellow (92%)

Black (57%)



Cyan (78%)

Magenta (57%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 396E09 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 396E09 by changing the saturation by 10% instead.





396E09



396E09

FFFFFF



1E5500



6EA241



003D00



89BD5A



002800



A4D974



000900



C0F68E



000000



DFFFAA



FAFFC5



FFFFE2



396E09



396E09

■ 346E00

■ 3F6E14

■ 456E1F

■ 4A6E2A

■ 506E35

■ 566E40

■ 5C6E4B

■ 616E56

■ 676E61

■ 6D6E6C

# Harmonies

## Analogous

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



6B6300



396E09



00743C

# Triad

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



396E09



0070B7



B22D58

# Complementary

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



396E09



3E096E

# 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.



A13885



396E09



0063BD

# Square

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



396E09



007599



714FAB



AB3C2B

# Rectangle

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



396E09



00765C



714FAB



AF2E67



# Sweetspot

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



396E09



7A8F67



6E3D09



3B472F



C7C7C7



474747



# Same Dimension

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



396E09



448F00



096E0B



353832



397800



76F700



# Inverse Universe

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



3E096E



4B008F



6E096C



353238



3F0078

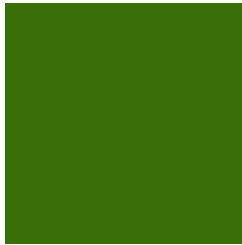


8200F7



# Previews

## White Background



This preview shows how the Hex color 396E09 looks on a white background.

## Color Contrast Check

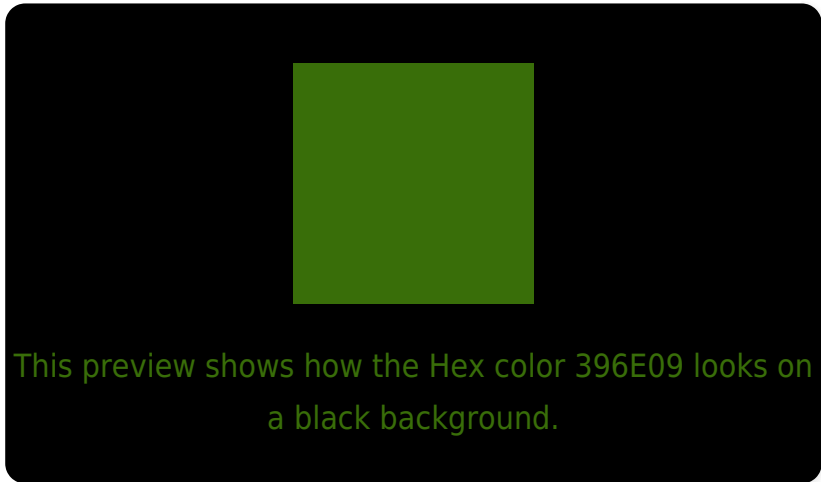
Large Text (above 18pt) WCAG AA ✓ Pass

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 396E09 Background



This preview shows how black text looks on a background with the Hex color 396E09.



This preview shows how white text looks on a background with the Hex color 396E09.

# 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**  
396E09

**Protanopia**  
6D6100

**Deuteranopia**  
7A5C18



**Tritanopia**  
47666E

# Trichromacy



**Original Color**  
396E09

**Protanomaly**  
5A6603

**Deuteranomaly**  
626313

**Tritanomaly**  
426949

# Monochromacy



**Original Color**  
396E09

**Achromatopsia**  
535353

**Achromatomaly**  
4A5D38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 396E09 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 #396E09 looks like.

```
.text, #text, p{  
    color:#396E09  
}
```

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 #396E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396E09
}
```

## Border

The CSS property to change the border of an element to Hex 396E09 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
#396E09 }
```

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

```
.border{ border-color:#396E09 }
```

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

Here you see how a box with a 4 pixel #396E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396E09; -webkit-box-shadow:4px 4px  
4px 4px #396E09; box-shadow:4px 4px 4px  
4px #396E09 }
```

# Background

The CSS property to change the background color of an element to Hex 396E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396E09 }
```

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

```
.background{ background-color:#396E09 }
```

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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