

# Converting Colors

Hex(396800)

Have a look what the booklet for  
Hex(396800) contains.

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**Color**

**Hex(396800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	396800
RGB	57, 104, 0
RGB Percent	22%, 41%, 0%
CMY	0.7765, 0.5922, 1.0000
CMYK	0.45, 0.00, 1.00, 0.59
HSL	87°, 100%, 20%
HSV	87°, 100%, 41%
XYZ	6.6377, 10.7705, 1.7291
YIQ	78.0910, 5.3720, -42.3080

# Conversions

## Conversions Part 2

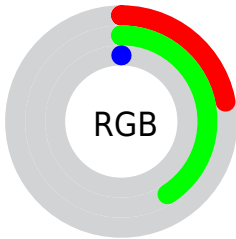
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 47
Decimal	3762176
CIELab	39.19, -31.99, 44.89
CIELCh	39, 55.120, 125.477
Yxy	10.7705, 0.3468, 0.5628
Android (android.graphics.Color)	4281952256 (0xFF396800)
YUV	78.0910, -38.4989, -18.4968
Hunter-Lab	32.8184, -21.3299, 19.8491

# Details

The Hex color **396800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F0068**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6D9C3A**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **396800**, and if you desaturate by 10%, it is **3E680A**.

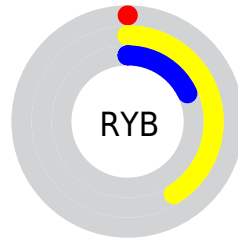
# Distribution



Red (22%)

Green (41%)

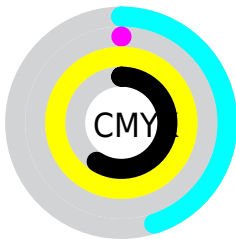
Blue (0%)



Red (0%)

Yellow (41%)

Blue (18%)

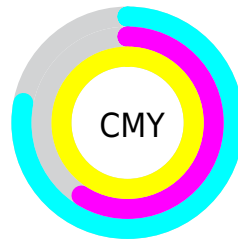


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 396800 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 396800 by changing the saturation by 10% instead.



 396800

 396800

 FFFFF8

 1F5000

 6D9C3A

 003800

 88B754

 002400

 A4D26D

 000000

 C0EF88

 DCFFA3

 FAFFBE

 FFFFDB


 396800

 3E680A

 426815

 47681F

 4C682A

 516834

 55683E

 5A6849

 5F6853

 63685E

# Harmonies

## Analogous

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



695D00



396800



006E35

# Triad

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



396800



006BAE



AA2856

# Complementary

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



396800



2F0068

# 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.



973582



396800



005FB6

# Square

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



396800



007090



664CA6



A5362B

# Rectangle

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



396800



007054



664CA6



A72965



# Sweetspot

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



396800



75875F



682F00



3A452C



C4C4C4



454545



# Same Dimension

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



396800



4A8700



056800



31332E



3F7300



85F200



# Inverse Universe

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



2F0068



3D0087



630068



302E33



340073



6D00F2



# Previews

## White Background



This preview shows how the Hex color 396800 looks on a white background.

## Color Contrast Check

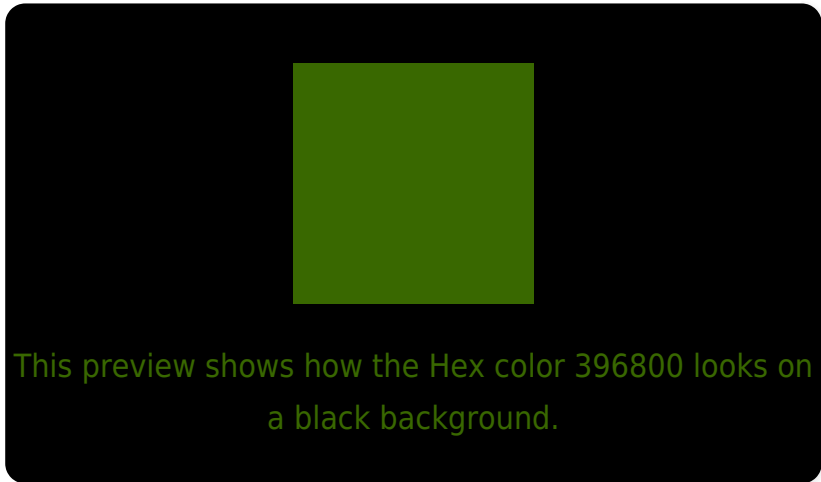
Large Text (above 18pt) WCAG AA ✓ Pass

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 396800 Background



This preview shows how black text looks on a background with the Hex color 396800.



This preview shows how white text looks on a background with the Hex color 396800.

# 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**  
396800

**Protanopia**  
685C00

**Deuteranopia**  
745715



**Tritanopia**  
466168

# Trichromacy



**Original Color**  
396800

**Protanomaly**  
576000

**Deuteranomaly**  
5F5D0D

**Tritanomaly**  
416442

# Monochromacy



**Original Color**  
396800

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
465732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 396800 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 #396800 looks like.

```
.text, #text, p{  
    color:#396800  
}
```

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 #396800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396800
}
```

## Border

The CSS property to change the border of an element to Hex 396800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

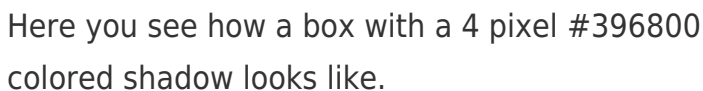
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#396800 }
```

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

```
.border{ border-color:#396800 }
```

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

A rectangular box with a white background and a thin green border. The box is slightly offset from the bottom and right edges of the page, creating a shadow effect. The shadow is a solid green color, matching the #396800 color mentioned in the text.

Here you see how a box with a 4 pixel #396800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396800; -webkit-box-shadow:4px 4px  
4px 4px #396800; box-shadow:4px 4px 4px  
4px #396800 }
```

# Background

The CSS property to change the background color of an element to Hex 396800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396800 }
```

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

```
.background{ background-color:#396800 }
```

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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