

# Converting Colors

Hex(387706)

Have a look what the booklet for  
Hex(387706) contains.

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**Color**

**Hex(387706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	387706
RGB	56, 119, 6
RGB Percent	22%, 47%, 2%
CMY	0.7804, 0.5333, 0.9765
CMYK	0.53, 0.00, 0.95, 0.53
HSL	93°, 90%, 25%
HSV	93°, 95%, 47%
XYZ	8.2606, 14.0476, 2.4484
YIQ	87.2810, -1.2750, -48.4990

# Conversions

## Conversions Part 2

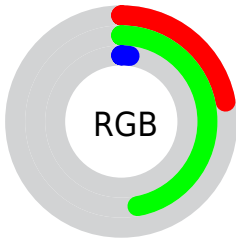
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 119, 69
Decimal	3700486
CIELab	44.30, -38.44, 47.52
CIELCh	44, 61.120, 128.974
Yxy	14.0476, 0.3337, 0.5674
Android (android.graphics.Color)	4281890566 (0xFF387706)
YUV	87.2810, -40.0715, -27.4334
Hunter-Lab	37.4801, -26.2488, 22.3630

# Details

The Hex color **387706** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **450677**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6EAC41**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **357700**, and if you desaturate by 10%, it is **3F7712**.

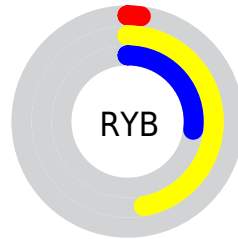
# Distribution



Red (22%)

Green (47%)

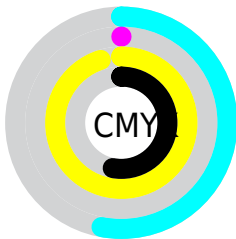
Blue (2%)



Red (2%)

Yellow (47%)

Blue (27%)

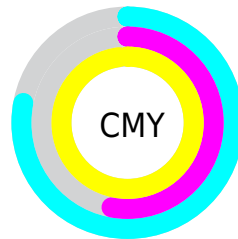


Cyan (53%)

Magenta (0%)

Yellow (95%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387706 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 387706 by changing the saturation by 10% instead.



 387706

 387706

FFFFFF

 1A5E00

 6EAC41

 004600

 8AC75B

 002F00

 A5E475

 001800

 C2FF90

 000000

 DFFFAB

 FCFFC7

 FFFF E4

 387706

 387706

■ 357700

■ 3F7712

■ 45771E

■ 4C772A

■ 537736

■ 597742

■ 60774D

■ 667759

■ 6D7765

■ 747771

# Harmonies

## Analogous

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



716B00



387706



007D42

# Triad

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



387706



0078C8



C22D5C

# Complementary

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



387706



450677

# 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.



B0388E



387706



006ACE

# Square

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



387706



007EA8



7C53B9



B8402B

# Rectangle

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



387706



007F65



7C53B9



BF2D6D



# Sweetspot

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



387706



839C70



774406



404F34



CFCFCF



4F4F4F



# Same Dimension

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



387706



459C00



06770C



373B35



367A00



6FFA00



# Inverse Universe

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



450677



57009C



770671



38353B



44007A



8B00FA



# Previews

## White Background



This preview shows how the Hex color 387706 looks on a white background.

## Color Contrast Check

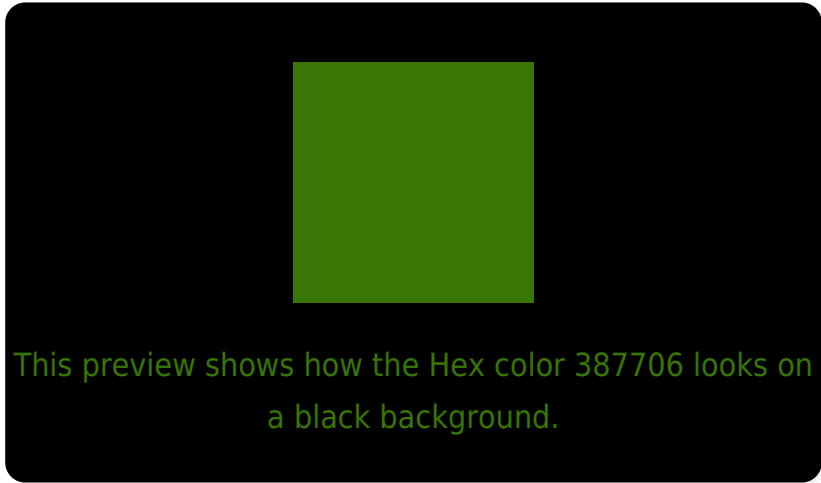
Large Text (above 18pt) WCAG AA ✓ Pass

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

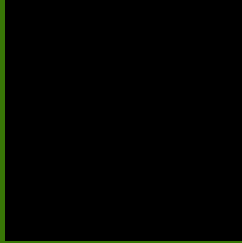
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387706 Background



This preview shows how black text looks on a background with the Hex color 387706.



This preview shows how white text looks on a background with the Hex color 387706.

# 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**  
387706

**Protanopia**  
766900

**Deuteranopia**  
836319



**Tritanopia**  
496F78

# Trichromacy



**Original Color**  
387706

**Protanomaly**  
5F6E02

**Deuteranomaly**  
686A12

**Tritanomaly**  
43724F

# Monochromacy



**Original Color**  
387706

**Achromatopsia**  
575757

**Achromatomaly**  
4C633A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387706 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 #387706 looks like.

```
.text, #text, p{  
    color:#387706  
}
```

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 #387706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387706
}
```

## Border

The CSS property to change the border of an element to Hex 387706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

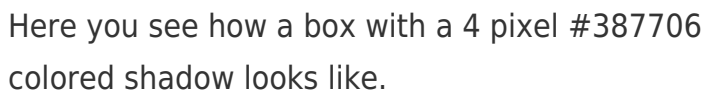
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#387706 }
```

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

```
.border{ border-color:#387706 }
```

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



Here you see how a box with a 4 pixel #387706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387706; -webkit-box-shadow:4px 4px  
4px 4px #387706; box-shadow:4px 4px 4px  
4px #387706 }
```

# Background

The CSS property to change the background color of an element to Hex 387706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387706 }
```

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

```
.background{ background-color:#387706 }
```

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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