

# Converting Colors

Hex(387D1C)

Have a look what the booklet for  
Hex(387D1C) contains.

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**Color**

**Hex(387D1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	387D1C
RGB	56, 125, 28
RGB Percent	22%, 49%, 11%
CMY	0.7804, 0.5098, 0.8902
CMYK	0.55, 0.00, 0.78, 0.51
HSL	103°, 63%, 30%
HSV	103°, 78%, 49%
XYZ	9.1741, 15.5918, 3.6246
YIQ	93.3110, -9.9870, -44.7950

# Conversions

## Conversions Part 2

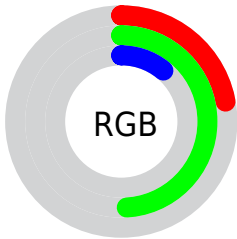
Format	Color
<a href="#">RYB</a>	<a href="#">28, 125, 97</a>
Decimal	<a href="#">3702044</a>
CIELab	<a href="#">46.43, -39.76, 43.31</a>
CIELCh	<a href="#">46, 58.789, 132.552</a>
Yxy	<a href="#">15.5918, 0.3231, 0.5492</a>
Android (android.graphics.Color)	<a href="#">4281892124 (0xFF387D1C)</a>
YUV	<a href="#">93.3110, -32.1983, -32.7217</a>
Hunter-Lab	<a href="#">39.4865, -27.6295, 22.1981</a>

# Details

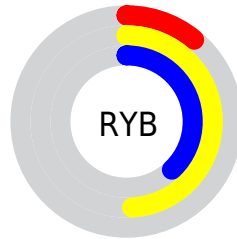
The Hex color **387D1C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **611C7D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6EB24F**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **2F7D0F**, and if you desaturate by 10%, it is **417D28**.

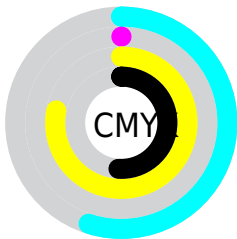
# Distribution



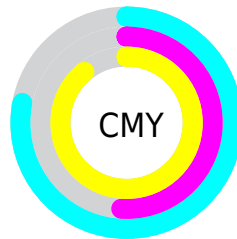
- Red (22%)
- Green (49%)
- Blue (11%)



- Red (11%)
- Yellow (49%)
- Blue (38%)



- Cyan (55%)
- Magenta (0%)
- Yellow (78%)
- Black (51%)



- Cyan (78%)
- Magenta (51%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387D1C 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 387D1C by changing the saturation by 10% instead.





387D1C



387D1C

FFFFFF



1A6400



6EB24F



004B00



8ACE69



003300



A6EB83



001F00



C2FF9E



000000



DFFFBA



FCFFD6



FFFFFF3



387D1C



387D1C

■ 2F7D0F

■ 417D28

■ 267D03

■ 4A7D35

■ 247D00

■ 537D41

■ 5C7D4E

■ 647D5A

■ 6D7D67

■ 767D73

■ 7F7D80

■ 887D8C

# Harmonies

## Analogous

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



727200



387D1C



00834F

# Triad

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



387D1C



007CCC



C5395B

# Complementary

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



387D1C



611C7D

# 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.



B73F8D



387D1C



156DCF

# Square

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



387D1C



0083B0



8A57B7



BA4B2D

# Rectangle

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



387D1C



008471



8A57B7



C4386C



# Sweetspot

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



387D1C



88A37E



7D601C



41523B



D1D1D1



525252



# Same Dimension

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



387D1C



37A30B



1C7D2F



3B4039



258000



000000



# Inverse Universe

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



611C7D



770BA3



7D1C6A



3E3940



5B0080



000000



# Previews

## White Background



This preview shows how the Hex color 387D1C looks on a white background.

## Color Contrast Check

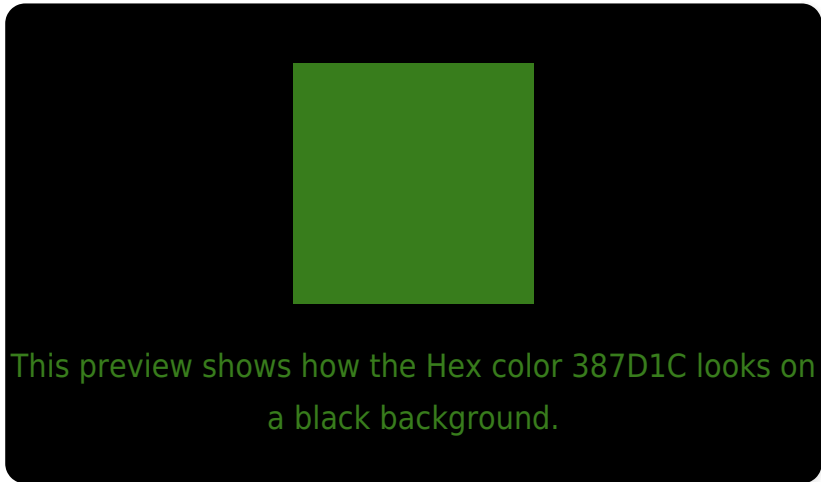
Large Text (above 18pt) WCAG AA ✓ Pass

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

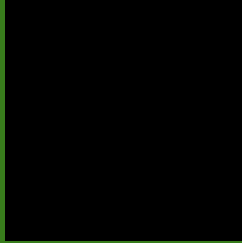
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387D1C Background



This preview shows how black text looks on a background with the Hex color 387D1C.



This preview shows how white text looks on a background with the Hex color 387D1C.

# 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**  
387D1C

**Protanopia**  
7B6E18

**Deuteranopia**  
896825



**Tritanopia**  
4A747E

# Trichromacy



**Original Color**  
387D1C

**Protanomaly**  
637319

**Deuteranomaly**  
6C7022

**Tritanomaly**  
43775A

# Monochromacy



**Original Color**  
387D1C

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
506945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387D1C 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 #387D1C looks like.

```
.text, #text, p{  
    color:#387D1C  
}
```

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 #387D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387D1C
}
```

## Border

The CSS property to change the border of an element to Hex 387D1C 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
#387D1C }
```

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

```
.border{ border-color:#387D1C }
```

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

Here you see how a box with a 4 pixel #387D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387D1C; -webkit-box-shadow:4px 4px  
4px 4px #387D1C; box-shadow:4px 4px 4px  
4px #387D1C }
```

# Background

The CSS property to change the background color of an element to Hex 387D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387D1C }
```

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

```
.background{ background-color:#387D1C }
```

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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