

# Converting Colors

Hex(387E18)

Have a look what the booklet for  
Hex(387E18) contains.

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**Color**

**Hex(387E18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	387E18
RGB	56, 126, 24
RGB Percent	22%, 49%, 9%
CMY	0.7804, 0.5059, 0.9059
CMYK	0.56, 0.00, 0.81, 0.51
HSL	101°, 68%, 29%
HSV	101°, 81%, 49%
XYZ	9.2566, 15.8284, 3.4315
YIQ	93.4420, -8.9780, -46.5620

# Conversions

## Conversions Part 2

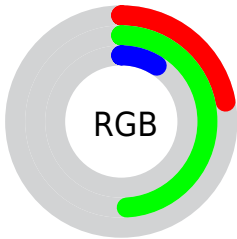
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 126, 94
Decimal	3702296
CIELab	46.75, -40.43, 45.01
CIELCh	47, 60.502, 131.926
Yxy	15.8284, 0.3246, 0.5551
Android (android.graphics.Color)	4281892376 (0xFF387E18)
YUV	93.4420, -34.2349, -32.8366
Hunter-Lab	39.7849, -28.0927, 22.7357

# Details

The Hex color **387E18** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5E187E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6FB34D**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **2F7E0B**, and if you desaturate by 10%, it is **417E25**.

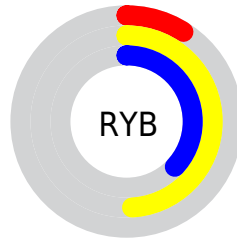
# Distribution



Red (22%)

Green (49%)

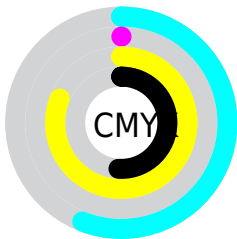
Blue (9%)



Red (9%)

Yellow (49%)

Blue (37%)

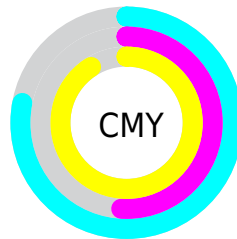


Cyan (56%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (78%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387E18 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 387E18 by changing the saturation by 10% instead.





387E18



387E18

FFFFFF



196500



6FB34D



004C00



8ACF66



003400



A6EC81



001F00



C2FF9B



000000



DFFFB7



FDFFD3



FFFFFF0



387E18



387E18

■ 2F7E0B

■ 417E25

■ 287E00

■ 497E31

■ 527E3E

■ 5B7E4A

■ 637E57

■ 6C7E64

■ 757E70

■ 7D7E7D

■ 867E89

# Harmonies

## Analogous

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



737300



387E18



00844D

# Triad

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



387E18



007DD0



C8375D

# Complementary

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



387E18



5E187E

# 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.



B93E90



387E18



006ED3

# Square

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



387E18



0084B2



8A57BB



BD492D

# Rectangle

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



387E18



008571



8A57BB



C7366E



# Sweetspot

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



387E18



88A37C



7E5E18



41523A



D1D1D1



525252



# Same Dimension

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



387E18



37A305



187E2B



3B4039



288000



000000



# Inverse Universe

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



5E187E



7205A3



7E186B



3E3940



580080

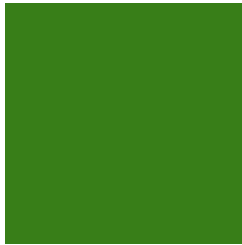


000000



# Previews

## White Background



This preview shows how the Hex color 387E18 looks on a white background.

## Color Contrast Check

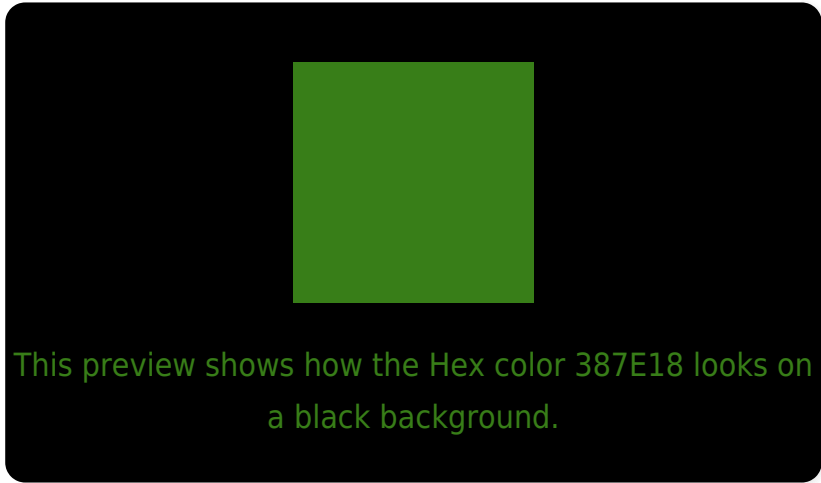
Large Text (above 18pt) WCAG AA ✓ Pass

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 387E18 Background



This preview shows how black text looks on a background with the Hex color 387E18.



This preview shows how white text looks on a background with the Hex color 387E18.

# 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**  
387E18

**Protanopia**  
7C6F14

**Deuteranopia**  
8A6923



**Tritanopia**  
4A757F

# Trichromacy



**Original Color**  
387E18

**Protanomaly**  
637415

**Deuteranomaly**  
6C711F

**Tritanomaly**  
43785A

# Monochromacy



**Original Color**  
387E18

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
506944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387E18 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 #387E18 looks like.

```
.text, #text, p{  
    color:#387E18  
}
```

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 #387E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387E18
}
```

## Border

The CSS property to change the border of an element to Hex 387E18 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
#387E18 }
```

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

```
.border{ border-color:#387E18 }
```

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

Here you see how a box with a 4 pixel #387E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387E18; -webkit-box-shadow:4px 4px  
4px 4px #387E18; box-shadow:4px 4px 4px  
4px #387E18 }
```

# Background

The CSS property to change the background color of an element to Hex 387E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387E18 }
```

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

```
.background{ background-color:#387E18 }
```

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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