

# Converting Colors

Hex(387637)

Have a look what the booklet for  
Hex(387637) contains.

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# Color

Hex(387637)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	387637
RGB	56, 118, 55
RGB Percent	22%, 46%, 22%
CMY	0.7804, 0.5373, 0.7843
CMYK	0.53, 0.00, 0.53, 0.54
HSL	119°, 36%, 34%
HSV	119°, 53%, 46%
XYZ	8.7989, 14.0735, 5.8671
YIQ	92.2800, -16.7290, -32.7370

# Conversions

## Conversions Part 2

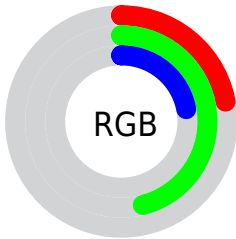
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 118, 117
Decimal	3700279
CIELab	44.34, -33.89, 28.49
CIELCh	44, 44.275, 139.949
Yxy	14.0735, 0.3062, 0.4897
Android (android.graphics.Color)	4281890359 (0xFF387637)
YUV	92.2800, -18.3790, -31.8176
Hunter-Lab	37.5146, -23.7841, 16.9875

# Details

The Hex color **387637** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **753776**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6CAB67**, and **004508** is the 20% darker color. If you saturate the color by 10%, you get **2C762B**, and if you desaturate by 10%, it is **447643**.

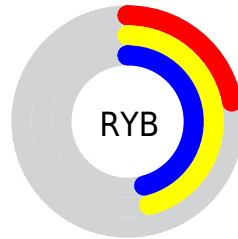
# Distribution



Red (22%)

Green (46%)

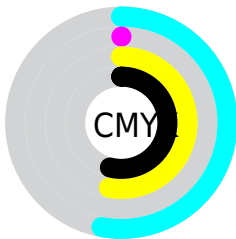
Blue (22%)



Red (22%)

Yellow (46%)

Blue (46%)

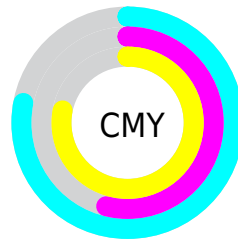


Cyan (53%)

Magenta (0%)

Yellow (53%)

Black (54%)



Cyan (78%)

Magenta (54%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387637 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 387637 by changing the saturation by 10% instead.





387637



387637

FFFFFF



1D5D20



6CAB67



004508



87C681



002E00



A2E39B



001800



BEFFB6



000000



DAFFD2



F7FFE0



387637



387637




2C762B



447643

 21761F

 4F764F

 157614

 5B765A

 0A7608

 667666

 027600

 727672

 7E767E

 89768A

 957695

 A176A1

# Harmonies

## Analogous

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



656E1D



387637



007A5B

# Triad

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



387637



0071B1



AC4852

# Complementary

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



387637



753776

# 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.



A64877



387637



5364AE

# Square

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



387637



0078A1



895599



A05431

# Rectangle

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



387637



007B74



895599



AC475E



# Sweetspot

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



387637



819981



767537



3E4D3E



CCCCCC



4D4D4D



# Same Dimension

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



387637



399937



377655



353B35



027A00



04FA00



# Inverse Universe

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



753776



973799



763758



3B353B



78007A



F600FA



# Previews

## White Background



This preview shows how the Hex color 387637 looks on a white background.

## Color Contrast Check

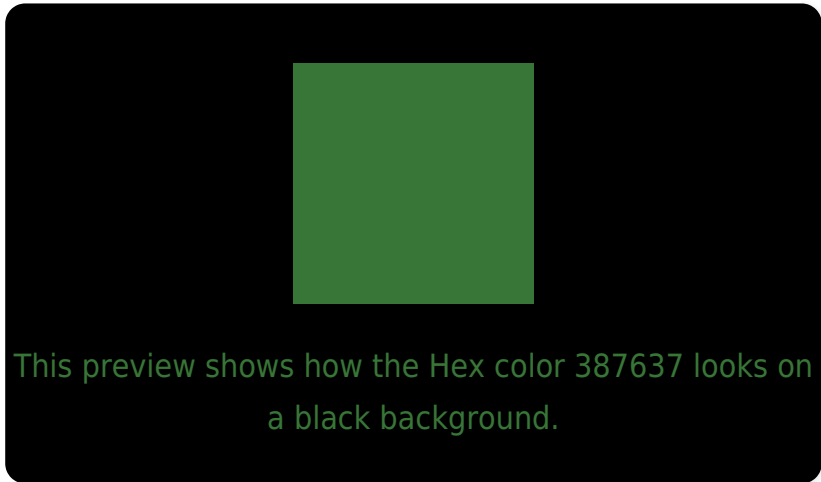
Large Text (above 18pt) WCAG AA ✓ Pass

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

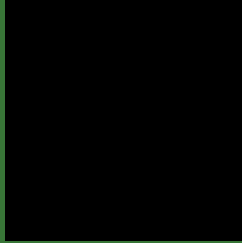
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387637 Background



This preview shows how black text looks on a background with the Hex color 387637.



This preview shows how white text looks on a background with the Hex color 387637.

# 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**  
387637

**Protanopia**  
736833

**Deuteranopia**  
7F643C



**Tritanopia**  
466F78

# Trichromacy



**Original Color**  
387637

**Protanomaly**  
5E6D34

**Deuteranomaly**  
656B3A

**Tritanomaly**  
417260

# Monochromacy



**Original Color**  
387637

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
4F654F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387637 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 #387637 looks like.

```
.text, #text, p{  
    color:#387637  
}
```

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 #387637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387637
}
```

## Border

The CSS property to change the border of an element to Hex 387637 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
#387637 }
```

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

```
.border{ border-color:#387637 }
```

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

Here you see how a box with a 4 pixel #387637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387637; -webkit-box-shadow:4px 4px  
4px 4px #387637; box-shadow:4px 4px 4px  
4px #387637 }
```

# Background

The CSS property to change the background color of an element to Hex 387637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387637 }
```

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

```
.background{ background-color:#387637 }
```

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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