

Converting Colors

Hex(387771)

Have a look what the booklet for
Hex(387771) contains.

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Color

Hex(387771)

Conversions

Conversions Part 1

Format	Color
Hex	387771
RGB	56, 119, 113
RGB Percent	22%, 47%, 44%
CMY	0.7804, 0.5333, 0.5569
CMYK	0.53, 0.00, 0.05, 0.53
HSL	174°, 36%, 34%
HSV	174°, 53%, 47%
XYZ	11.2083, 15.2267, 17.9711
YIQ	99.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

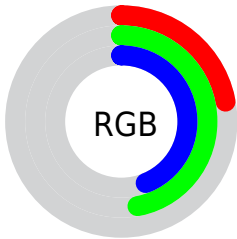
Format	Color
RYB	56, 89, 119
Decimal	3700593
CIELab	45.94, -21.81, -2.91
CIELCh	46, 21.998, 187.598
Yxy	15.2267, 0.2524, 0.3429
Android (android.graphics.Color)	4281890673 (0xFF387771)
YUV	99.4790, 6.6659, -38.1311
Hunter-Lab	39.0214, -17.0157, 0.0092

Details

The Hex color **387771** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77383E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6DACA5**, and **004641** is the 20% darker color. If you saturate the color by 10%, you get **2C7770**, and if you desaturate by 10%, it is **447772**.

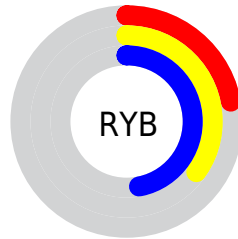
Distribution



Red (22%)

Green (47%)

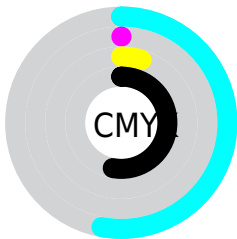
Blue (44%)



Red (22%)

Yellow (35%)

Blue (47%)

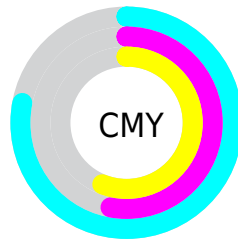


Cyan (53%)

Magenta (0%)

Yellow (5%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 387771 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 387771 by changing the saturation by 10% instead.



387771



387771

FFFFFF



1C5E59



6DACA5



004641



87C7C0



002F2B



A3E3DC



001C17



BEFFF8



000000



DBFFFF



F8FFFF



387771



387771



2C7770



447772

■ 20776F

■ 507773

■ 14776E

■ 5C7774

■ 08776C

■ 687776

■ 00776C

■ 737777

■ 7F7778

■ 8B7779

■ 97777A

■ A3777B

Harmonies

Analogous

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



4B765E



387771



317683

Triad

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



387771



75668A



86674B

Complementary

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



387771



77383E

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.



906157



387771



88617B

Square

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



387771



5C6D91



915F69



756D48

Rectangle

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



387771



3A748B



915F69



8A654E

Sweetspot

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



387771



839C99



3E7738



404F4E



CFCFCF



4F4F4F

Same Dimension

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



387771



389C92



385E77



353B3A



007A6F



00FAE2

Inverse Universe

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



77383E



9C3841



775138



3B3535



7A000C



FA0018

Previews

White Background



This preview shows how the Hex color 387771 looks on a white background.

Color Contrast Check

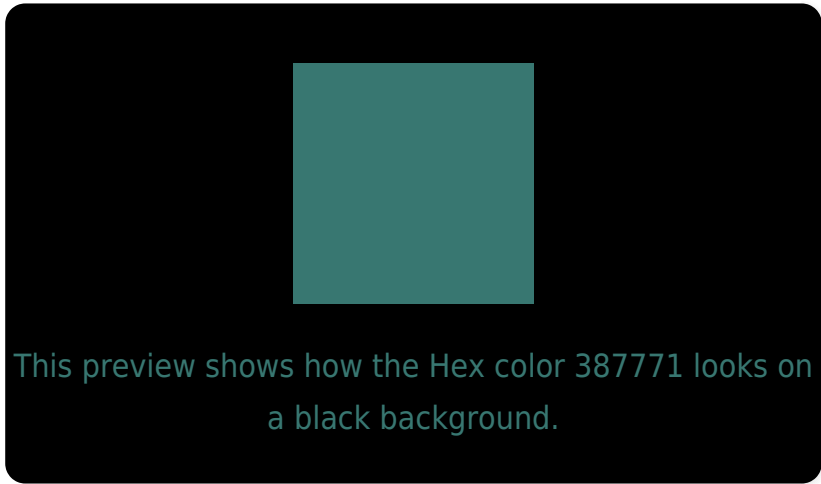
Large Text (above 18pt) WCAG AA ✓ Pass

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

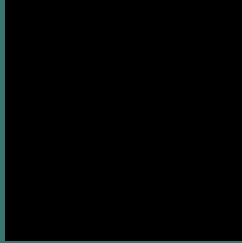
Any Text WCAG AA × Fail

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 387771 Background



This preview shows how black text looks on a background with the Hex color 387771.



This preview shows how white text looks on a background with the Hex color 387771.

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
387771

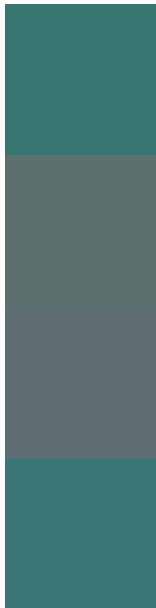
Protanopia
6F6C6A

Deuteranopia
736974



Tritanopia
3D757E

Trichromacy



Original Color
387771

Protanomaly
5B706D

Deuteranomaly
5E6E73

Tritanomaly
3B7679

Monochromacy



Original Color
387771

Achromatopsia
636363

Achromatomaly
536A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 387771 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 #387771 looks like.

```
.text, #text, p{  
    color:#387771  
}
```

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 #387771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387771
}
```

Border

The CSS property to change the border of an element to Hex 387771 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
#387771 }
```

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

```
.border{ border-color:#387771 }
```

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

Here you see how a box with a 4 pixel #387771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387771; -webkit-box-shadow:4px 4px  
4px 4px #387771; box-shadow:4px 4px 4px  
4px #387771 }
```

Background

The CSS property to change the background color of an element to Hex 387771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387771 }
```

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

```
.background{ background-color:#387771 }
```

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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