

# Converting Colors

Hex(387F61)

Have a look what the booklet for  
Hex(387F61) contains.

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# Color

**Hex(387F61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	387F61
RGB	56, 127, 97
RGB Percent	22%, 50%, 38%
CMY	0.7804, 0.5020, 0.6196
CMYK	0.56, 0.00, 0.24, 0.50
HSL	155°, 39%, 36%
HSV	155°, 56%, 50%
XYZ	11.3779, 16.8826, 13.9682
YIQ	102.3510, -32.6860, -24.3820

# Conversions

## Conversions Part 2

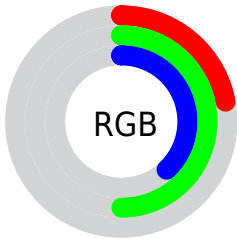
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 101, 127
Decimal	3702625
CIELab	48.11, -29.92, 9.67
CIELCh	48, 31.446, 162.093
Yxy	16.8826, 0.2694, 0.3998
Android (android.graphics.Color)	4281892705 (0xFF387F61)
YUV	102.3510, -2.6380, -40.6498
Hunter-Lab	41.0884, -22.4757, 8.6059

# Details

The Hex color **387F61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F3856**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DB494**, and **004D33** is the 20% darker color. If you saturate the color by 10%, you get **2B7F5C**, and if you desaturate by 10%, it is **457F66**.

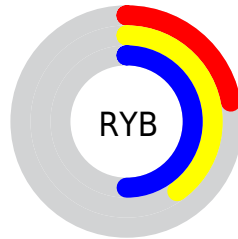
# Distribution



Red (22%)

Green (50%)

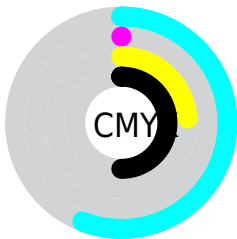
Blue (38%)



Red (22%)

Yellow (40%)

Blue (50%)

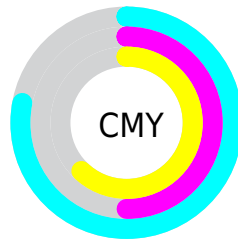


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (78%)

Magenta (50%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387F61 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 387F61 by changing the saturation by 10% instead.





387F61



387F61

FFFFFF



1C6649



6DB494



004D33



88D0AE



00361D



A3ECCA



002205



BFFFE6



000000



DCFFFF



F9FFFF



387F61



387F61



2B7F5C



457F66

■ 1F7F56

■ 517F6C

■ 127F51

■ 5E7F71

■ 057F4C

■ 6B7F76

■ 007F49

■ 787F7C

■ 847F81

■ 917F87

■ 9E7F8C

■ AA7F91

# Harmonies

## Analogous

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



5B7B4A



387F61



00807C

# Triad

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



387F61



5C71A6



A16250

# Complementary

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



387F61



7F3856

# 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.



A55D68



387F61



83679A

# Square

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



387F61



2679A4



9C5F83



916B40

# Rectangle

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



387F61



007F8E



9C5F83



A46057



# Sweetspot

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



387F61



8AA69A



577F38



43544D



D4D4D4



545454



# Same Dimension

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



387F61



37A677



387A7F



39403D



00804A



000000



# Inverse Universe

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



7F3856



A63766



7F3D38



40393C



800036



000000



# Previews

## White Background



This preview shows how the Hex color 387F61 looks on a white background.

## Color Contrast Check

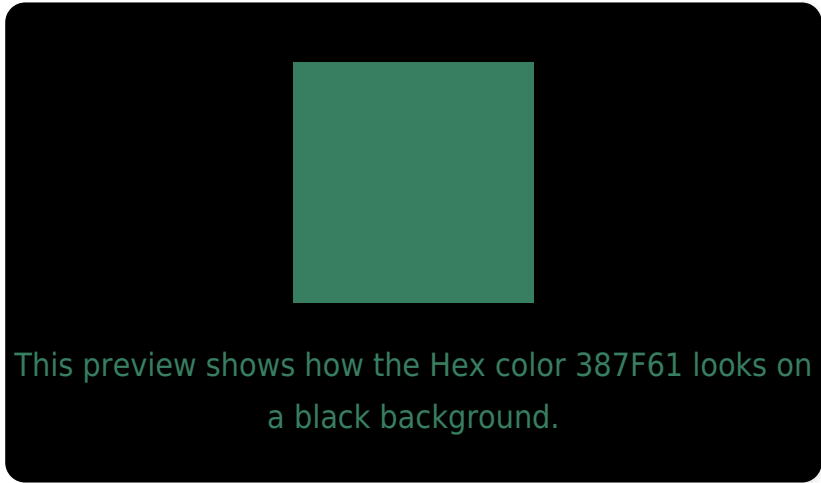
Large Text (above 18pt) WCAG AA ✓ Pass

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

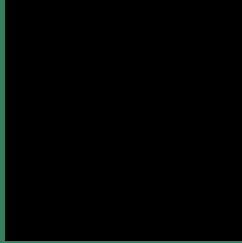
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387F61 Background



This preview shows how black text looks on a background with the Hex color 387F61.

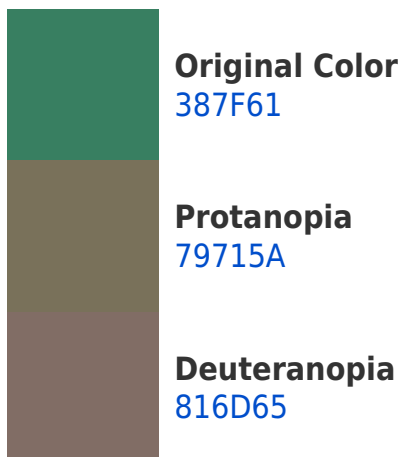



This preview shows how white text looks on a background with the Hex color 387F61.

# 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





**Tritanopia**  
437A84

# Trichromacy



**Original Color**  
387F61

**Protanomaly**  
61765D

**Deuteranomaly**  
667464

**Tritanomaly**  
3F7C77

# Monochromacy



**Original Color**  
387F61

**Achromatopsia**  
666666

**Achromatomaly**  
556F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387F61 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 #387F61 looks like.

```
.text, #text, p{  
    color:#387F61  
}
```

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 #387F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387F61
}
```

## Border

The CSS property to change the border of an element to Hex 387F61 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
#387F61 }
```

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

```
.border{ border-color:#387F61 }
```

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

Here you see how a box with a 4 pixel #387F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387F61; -webkit-box-shadow:4px 4px  
4px 4px #387F61; box-shadow:4px 4px 4px  
4px #387F61 }
```

# Background

The CSS property to change the background color of an element to Hex 387F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387F61 }
```

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

```
.background{ background-color:#387F61 }
```

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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