

# Converting Colors

Hex(387E79)

Have a look what the booklet for  
Hex(387E79) contains.

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# Color

**Hex(387E79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	387E79
RGB	56, 126, 121
RGB Percent	22%, 49%, 47%
CMY	0.7804, 0.5059, 0.5255
CMYK	0.56, 0.00, 0.04, 0.51
HSL	176°, 38%, 36%
HSV	176°, 56%, 49%
XYZ	12.5429, 17.1429, 20.7370
YIQ	104.5000, -40.1150, -16.3950

# Conversions

## Conversions Part 2

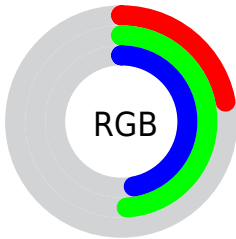
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 92, 126
Decimal	3702393
CIELab	48.44, -23.20, -3.97
CIELCh	48, 23.534, 189.703
Yxy	17.1429, 0.2488, 0.3400
Android (android.graphics.Color)	4281892473 (0xFF387E79)
YUV	104.5000, 8.1345, -42.5345
Hunter-Lab	41.4040, -18.3823, -0.7123

# Details

The Hex color **387E79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E383D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6EB3AD**, and **004D49** is the 20% darker color. If you saturate the color by 10%, you get **2B7E78**, and if you desaturate by 10%, it is **457E7A**.

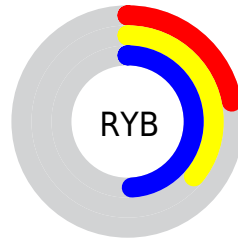
# Distribution



 Red (22%)

 Green (49%)

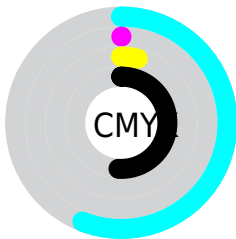
 Blue (47%)




 Red (22%)

 Yellow (36%)

 Blue (49%)

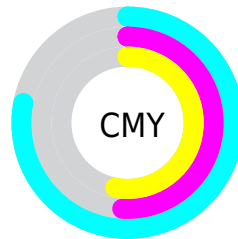


 Cyan (56%)


 Magenta (0%)

 Yellow (4%)

 Black (51%)



 Cyan (78%)

 Magenta (51%)

 Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387E79 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 387E79 by changing the saturation by 10% instead.





387E79



387E79

FFFFFF



1A6560



6EB3AD



004D49



89CFC9



003532



A4EBE5



00211D



C1FFFF



000003



DDFFFF



000000



FAFFFF



387E79



387E79



2B7E78



457E7A

■ 1F7E77

■ 517E7B

■ 127E76

■ 5E7E7C

■ 067E75

■ 6A7E7D

■ 007E75

■ 777E7E

■ 847E7E

■ 907E7F

■ 9D7E80

■ A97E81

# Harmonies

## Analogous

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



4D7D65



387E79



327D8C

# Triad

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



387E79



7E6C92



8D6D4E

# Complementary

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



387E79



7E383D

# 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.



98675B



387E79



926681

# Square

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



387E79



62739A



9A646D



7A744C

# Rectangle

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



387E79



3C7A95



9A646D



916B51



# Sweetspot

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



387E79



87A3A1



3E7E38



415250



D1D1D1



525252



# Same Dimension

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



387E79



36A39B



38617E



39403F



008076



000000



# Inverse Universe

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



7E383D



A3363E



7E5538



40393A



800009

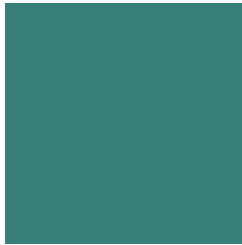


000000



# Previews

## White Background



This preview shows how the Hex color 387E79 looks on a white background.

## Color Contrast Check

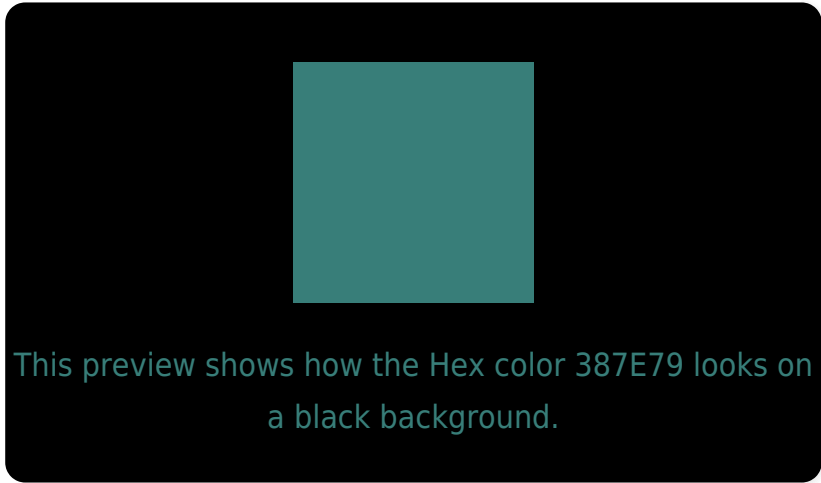
Large Text (above 18pt) WCAG AA ✓ Pass

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

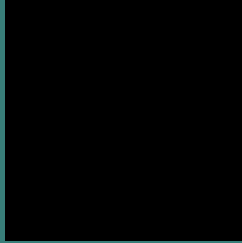
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387E79 Background



This preview shows how black text looks on a background with the Hex color 387E79.



This preview shows how white text looks on a background with the Hex color 387E79.

# 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**  
387E79

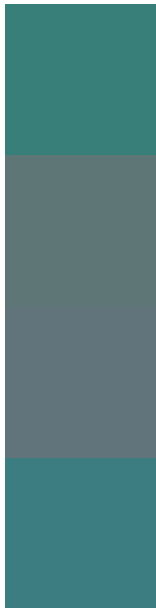
**Protanopia**  
747272

**Deuteranopia**  
796F7C



**Tritanopia**  
3D7C86

# Trichromacy



**Original Color**  
387E79

**Protanomaly**  
5E7675

**Deuteranomaly**  
61747B

**Tritanomaly**  
3B7D81

# Monochromacy



**Original Color**  
387E79

**Achromatopsia**  
696969

**Achromatomaly**  
57716F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387E79 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 #387E79 looks like.

```
.text, #text, p{  
    color:#387E79  
}
```

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 #387E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387E79
}
```

## Border

The CSS property to change the border of an element to Hex 387E79 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
#387E79 }
```

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

```
.border{ border-color:#387E79 }
```

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

Here you see how a box with a 4 pixel #387E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387E79; -webkit-box-shadow:4px 4px  
4px 4px #387E79; box-shadow:4px 4px 4px  
4px #387E79 }
```

# Background

The CSS property to change the background color of an element to Hex 387E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387E79 }
```

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

```
.background{ background-color:#387E79 }
```

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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