

Converting Colors

Hex(387B7B)

Have a look what the booklet for
Hex(387B7B) contains.

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Color

Hex(387B7B)

Conversions

Conversions Part 1

Format	Color
Hex	387B7B
RGB	56, 123, 123
RGB Percent	22%, 48%, 48%
CMY	0.7804, 0.5176, 0.5176
CMYK	0.54, 0.00, 0.00, 0.52
HSL	180°, 37%, 35%
HSV	180°, 54%, 48%
XYZ	12.2890, 16.4367, 21.2638
YIQ	102.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

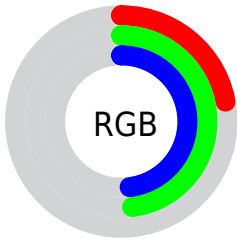
Format	Color
R_{YB}	56, 90, 123
Decimal	3701627
CIE _{Lab}	47.54, -21.06, -6.48
CIE _{LCh}	48, 22.033, 197.103
Yxy	16.4367, 0.2458, 0.3288
Android (android.graphics.Color)	4281891707 (0xFF387B7B)
YUV	102.9670, 9.8763, -41.1901
Hunter-Lab	40.5422, -16.8427, -2.7172




Details

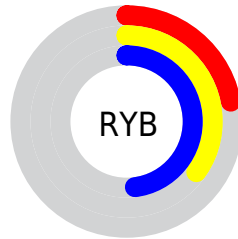
The Hex color **387B7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B3838**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **6EB0AF**, and **004A4A** is the 20% darker color. If you saturate the color by 10%, you get **2C7B7B**, and if you desaturate by 10%, it is **447B7B**.

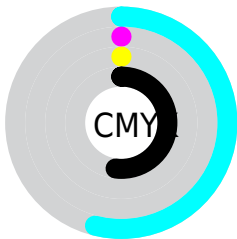
Distribution







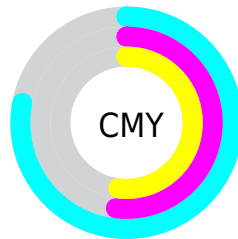
-  Red (22%)
-  Green (48%)
-  Blue (48%)






-  Red (22%)
-  Yellow (35%)
-  Blue (48%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (78%)
-  Magenta (52%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 387B7B 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 387B7B by changing the saturation by 10% instead.



387B7B



387B7B

FFFFFF



1B6262



6EB0AF



004A4A



89CBCB



003334



A4E8E7



001F1F



C0FFFF



000005



DDFFFF



000000



FAFFFF



387B7B



387B7B



2C7B7B



447B7B

■ 1F7B7B

■ 517B7B

■ 137B7B

■ 5D7B7B

■ 077B7B

■ 697B7B

■ 007B7B

■ 767B7B

■ 827B7B

■ 8E7B7B

■ 9A7B7B

■ A77B7B

Harmonies

Analogous

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



497A68



387B7B



38798B

Triad

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



387B7B



80688A



856D4D

Complementary

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



387B7B



7B3838

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.



926756



387B7B



90647A

Square

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



387B7B



686F94



966367



73734D

Rectangle

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



387B7B



457792



966367



8A6B4F

Sweetspot

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



387B7B



87A1A1



387B38



425252



D1D1D1



525252

Same Dimension

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



387B7B



38A1A1



385A7B



373D3D



007D7D



00FCFC

Inverse Universe

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



7B387B



A138A1



7B5A38



3D373D



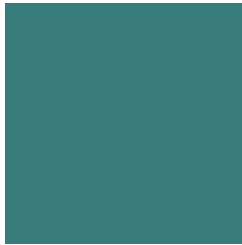
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 387B7B looks on a white background.

Color Contrast Check

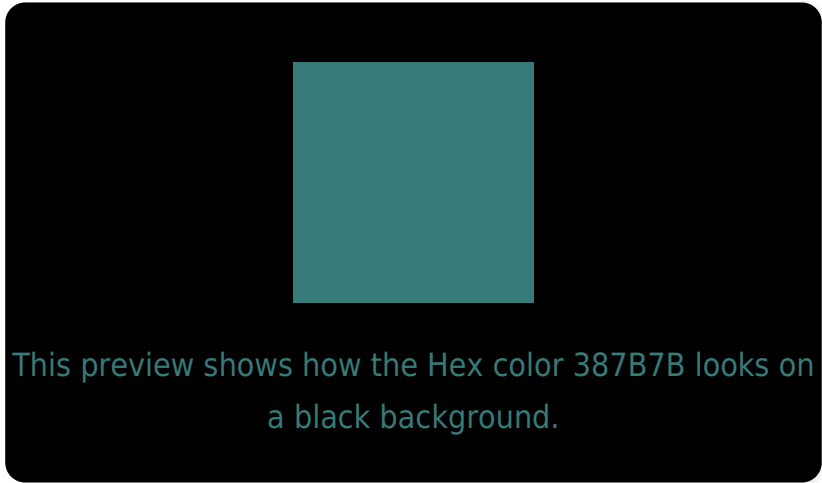
Large Text (above 18pt) WCAG AA ✓ Pass

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

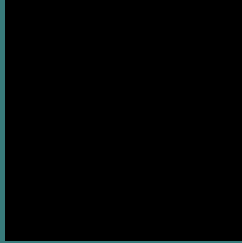
Any Text WCAG AA × Fail

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 387B7B Background



This preview shows how black text looks on a background with the Hex color 387B7B.



This preview shows how white text looks on a background with the Hex color 387B7B.

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](#).

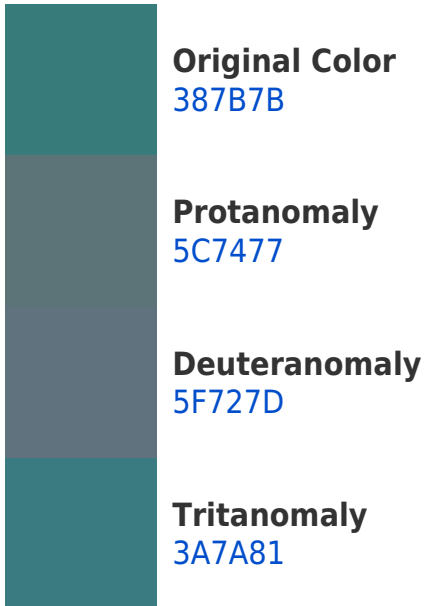
Dichromacy



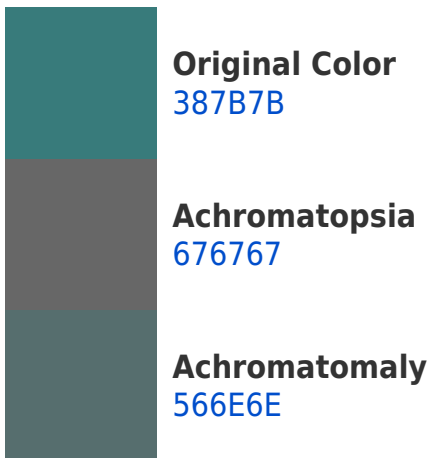


Tritanopia
3B7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 387B7B 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 #387B7B looks like.

```
.text, #text, p{  
    color:#387B7B  
}
```

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 #387B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387B7B
}
```

Border

The CSS property to change the border of an element to Hex 387B7B 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".

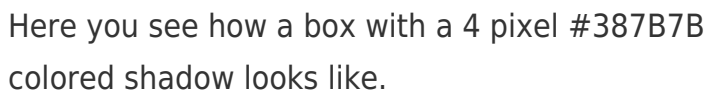
```
.border, #border, table{ border:4px solid
#387B7B }
```

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

```
.border{ border-color:#387B7B }
```

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

Here you see how a box with a 4 pixel #387B7B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387B7B; -webkit-box-shadow:4px 4px  
4px 4px #387B7B; box-shadow:4px 4px 4px  
4px #387B7B }
```

Background

The CSS property to change the background color of an element to Hex 387B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387B7B }
```

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

```
.background{ background-color:#387B7B }
```

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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