

Converting Colors

Hex(347A7E)

Have a look what the booklet for
Hex(347A7E) contains.

Hex(347A7E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(347A7E)

Conversions

Conversions Part 1

Format	Color
Hex	347A7E
RGB	52, 122, 126
RGB Percent	20%, 48%, 49%
CMY	0.7961, 0.5216, 0.5059
CMYK	0.59, 0.03, 0.00, 0.51
HSL	183°, 42%, 35%
HSV	183°, 59%, 49%
XYZ	12.1416, 16.1555, 22.2171
YIQ	101.5260, -43.0040, -13.5960

Conversions

Conversions Part 2

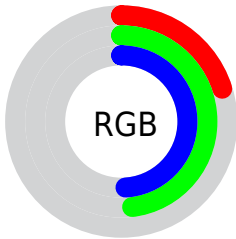
Format	Color
RYB	52, 88, 126
Decimal	3439230
CIELab	47.18, -20.50, -8.82
CIELCh	47, 22.318, 203.269
Yxy	16.1555, 0.2404, 0.3198
Android (android.graphics.Color)	4281629310 (0xFF347A7E)
YUV	101.5260, 12.0657, -43.4343
Hunter-Lab	40.1939, -16.4188, -4.6366

Details

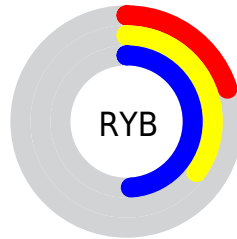
The Hex color **347A7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E3834**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6Aafb3**, and **00494d** is the 20% darker color. If you saturate the color by 10%, you get **27797E**, and if you desaturate by 10%, it is **417B7E**.

Distribution



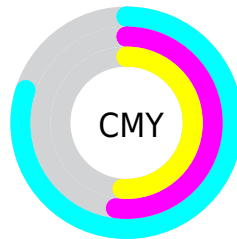
- Red (20%)
- Green (48%)
- Blue (49%)



- Red (20%)
- Yellow (35%)
- Blue (49%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347A7E 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 347A7E by changing the saturation by 10% instead.

 347A7E

 347A7E

FFFFFF

 146165

 6AAFB3

 00494D

 86CACE

 003236

 A1E6EA

 001E21

 BDFFFF

 00000A

 DAFFFF

 000000

 F7FFFF

 347A7E

 347A7E

 27797E

 417B7E

■ 1B797E

■ 4D7B7E

■ 0E787E

■ 5A7C7E

■ 02777E

■ 667D7E

■ 00777E

■ 737D7E

■ 807E7E

■ 8C7F7E

■ 997F7E

■ A5807E

Harmonies

Analogous

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



437A6B



347A7E



39788D

Triad

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



347A7E



846687



816D4B

Complementary

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



347A7E



7E3834

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.



8F6753



347A7E



926275

Square

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



347A7E



6D6D92



956362



6E734D

Rectangle

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



347A7E



487593



956362



866B4C

Sweetspot

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



347A7E



86A2A3



347E38



405152



D1D1D1



525252

Same Dimension

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



347A7E



319DA3



34557E



393F40



007980



000000

Inverse Universe

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



7E347A



A3319D



7E5D34



40393F



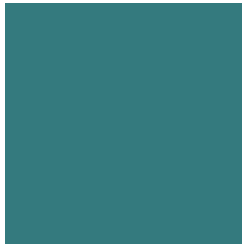
800079



000000

Previews

White Background



This preview shows how the Hex color 347A7E looks on a white background.

Color Contrast Check

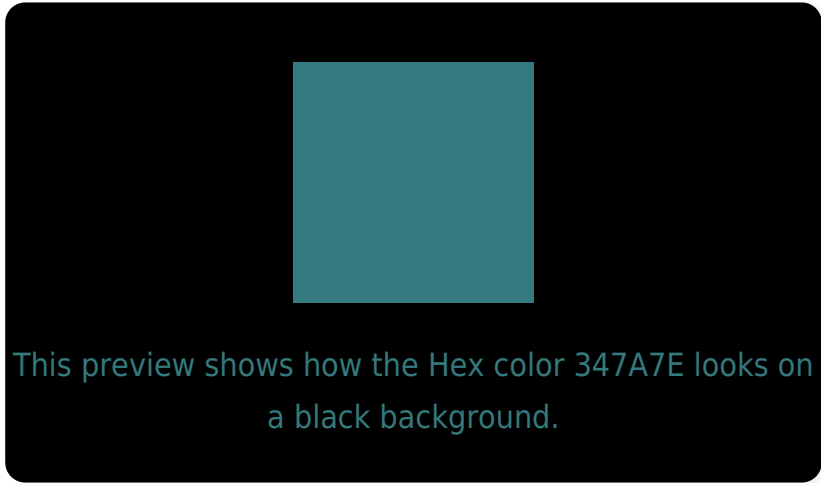
Large Text (above 18pt) WCAG AA ✓ Pass

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

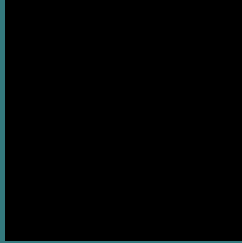
Any Text WCAG AA × Fail

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 347A7E Background



This preview shows how black text looks on a background with the Hex color 347A7E.

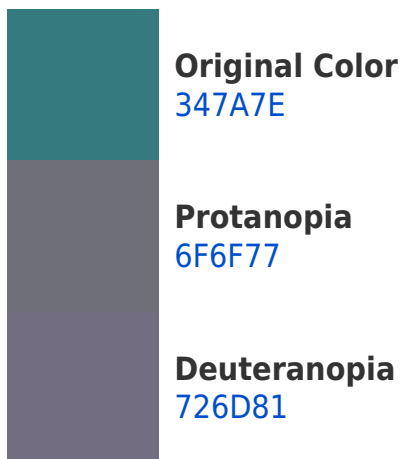


This preview shows how white text looks on a background with the Hex color 347A7E.

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



Trichromacy



Original Color
347A7E

Protanomaly
5A737A

Deuteranomaly
5B7280

Tritanomaly
357981

Monochromacy



Original Color
347A7E

Achromatopsia
666666

Achromatomaly
546D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 347A7E 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 #347A7E looks like.

```
.text, #text, p{  
    color:#347A7E  
}
```

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 #347A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347A7E
}
```

Border

The CSS property to change the border of an element to Hex 347A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

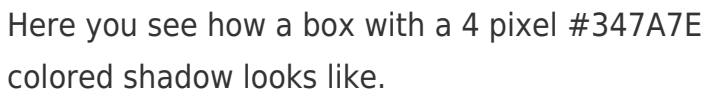
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#347A7E }
```

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

```
.border{ border-color:#347A7E }
```

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



Here you see how a box with a 4 pixel #347A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347A7E; -webkit-box-shadow:4px 4px  
4px 4px #347A7E; box-shadow:4px 4px 4px  
4px #347A7E }
```

Background

The CSS property to change the background color of an element to Hex 347A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347A7E }
```

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

```
.background{ background-color:#347A7E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor