

Converting Colors

Hex(347B81)

Have a look what the booklet for
Hex(347B81) contains.

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Color

Hex(347B81)

Conversions

Conversions Part 1

Format	Color
Hex	347B81
RGB	52, 123, 129
RGB Percent	20%, 48%, 51%
CMY	0.7961, 0.5176, 0.4941
CMYK	0.60, 0.05, 0.00, 0.49
HSL	185°, 43%, 35%
HSV	185°, 60%, 51%
XYZ	12.4616, 16.4810, 23.2932
YIQ	102.4550, -44.2420, -13.1860

Conversions

Conversions Part 2

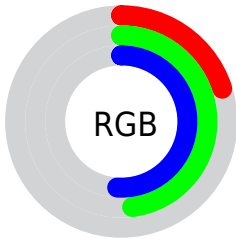
Format	Color
R _Y B	52, 89, 129
Decimal	3439489
CIE Lab	47.60, -20.13, -9.96
CIE LCh	48, 22.457, 206.333
Yxy	16.4810, 0.2386, 0.3155
Android (android.graphics.Color)	4281629569 (0xFF347B81)
YUV	102.4550, 13.0867, -44.2490
Hunter-Lab	40.5968, -16.2519, -5.6011




Details

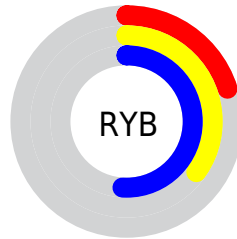
The Hex color **347B81** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **813A34**, and the grayscale version is **666666**.




A 20% lighter version of the original color is **6BB0B6**, and **004A50** is the 20% darker color. If you saturate the color by 10%, you get **277A81**, and if you desaturate by 10%, it is **417C81**.

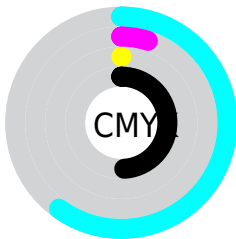
Distribution







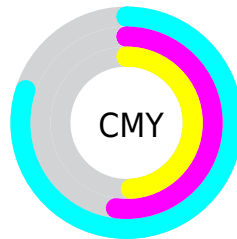
-  Red (20%)
-  Green (48%)
-  Blue (51%)






-  Red (20%)
-  Yellow (35%)
-  Blue (51%)



-  Cyan (60%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (80%)
-  Magenta (52%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347B81 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 347B81 by changing the saturation by 10% instead.

 347B81

 347B81

FFFFFF

 136268

 6BB0B6

 004A50

 86CBD1

 003339

 A2E7EE

 001F23

 BEFFFF

 00010E

 DBFFFF


 000000

 F8FFFF

 347B81

 347B81

 277A81

 417C81

■ 1A7981

■ 4E7D81

■ 0D7881

■ 5B7E81

■ 007781

■ 687F81

■ 758081

■ 818181

■ 8E8281

■ 9B8381

■ A88481

Harmonies

Analogous

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



427B6E



347B81



3C7890

Triad

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



347B81



876786



806F4B

Complementary

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



347B81



813A34

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.



8F6952



347B81



946374

Square

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



347B81



706D93



976461



6D754F

Rectangle

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



347B81



4B7595



976461



866D4C

Sweetspot

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



347B81



8AA6A8



348139



425354



D4D4D4



545454

Same Dimension

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



347B81



2F9FA8



345581



393F40



007680



000000

Inverse Universe

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



81347B



A82F9F



816034



40393F



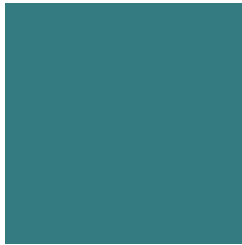
800076



000000

Previews

White Background



This preview shows how the Hex color 347B81 looks on a white background.

Color Contrast Check

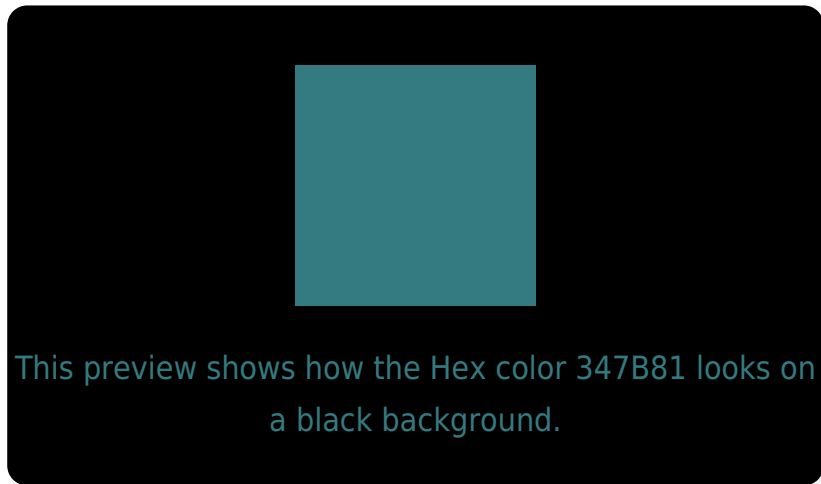
Large Text (above 18pt) WCAG AA ✓ Pass

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

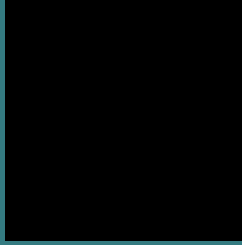
Any Text WCAG AA × Fail

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 347B81 Background



This preview shows how black text looks on a background with the Hex color 347B81.

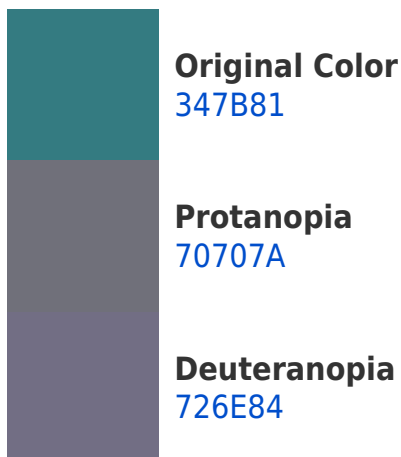



This preview shows how white text looks on a background with the Hex color 347B81.

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](#).

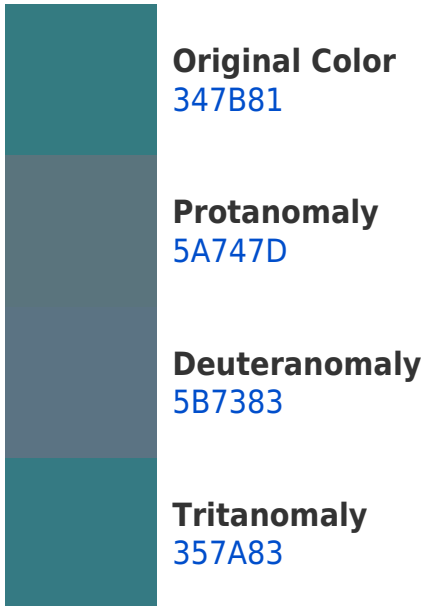
Dichromacy



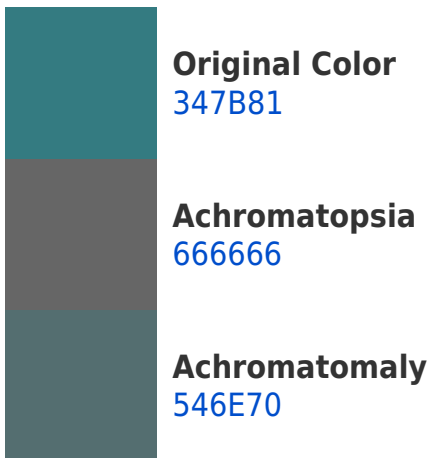


Tritanopia
357A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 347B81 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 #347B81 looks like.

```
.text, #text, p{  
    color:#347B81  
}
```

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 #347B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347B81
}
```

Border

The CSS property to change the border of an element to Hex 347B81 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
#347B81 }
```

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

```
.border{ border-color:#347B81 }
```

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

Here you see how a box with a 4 pixel #347B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347B81; -webkit-box-shadow:4px 4px  
4px 4px #347B81; box-shadow:4px 4px 4px  
4px #347B81 }
```

Background

The CSS property to change the background color of an element to Hex 347B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347B81 }
```

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

```
.background{ background-color:#347B81 }
```

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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