

Converting Colors

Hex(347B68)

Have a look what the booklet for
Hex(347B68) contains.

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Color

Hex(347B68)

Conversions

Conversions Part 1

Format	Color
Hex	347B68
RGB	52, 123, 104
RGB Percent	20%, 48%, 41%
CMY	0.7961, 0.5176, 0.5922
CMYK	0.58, 0.00, 0.15, 0.52
HSL	164°, 41%, 34%
HSV	164°, 58%, 48%
XYZ	10.9978, 15.8955, 15.5852
YIQ	99.6050, -36.2170, -20.9610

Conversions

Conversions Part 2

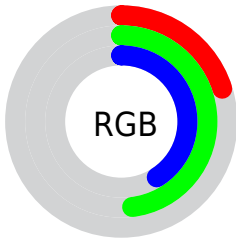
Format	Color
RYB	52, 93, 123
Decimal	3439464
CIELab	46.84, -27.20, 3.72
CIELCh	47, 27.456, 172.213
Yxy	15.8955, 0.2589, 0.3742
Android (android.graphics.Color)	4281629544 (0xFF347B68)
YUV	99.6050, 2.1667, -41.7496
Hunter-Lab	39.8691, -20.5320, 4.7314

Details

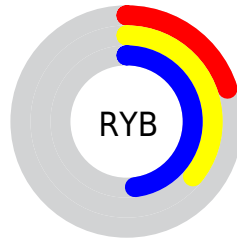
The Hex color **347B68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B3447**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **69B09B**, and **004A39** is the 20% darker color. If you saturate the color by 10%, you get **287B65**, and if you desaturate by 10%, it is **407B6B**.

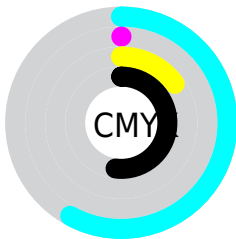
Distribution



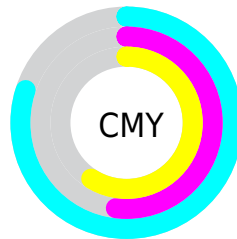
- Red (20%)
- Green (48%)
- Blue (41%)



- Red (20%)
- Yellow (36%)
- Blue (48%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347B68 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 347B68 by changing the saturation by 10% instead.



347B68



347B68

FFFFFF



166250



69B09B



004A39



84CCB6



003224



9FE8D1



001F0E



BBFFEE



000000



D8FFFF



F5FFFF



347B68



347B68



287B65



407B6B

■ 1B7B61

■ 4D7B6F

■ 0F7B5E

■ 597B72

■ 037B5B

■ 657B75

■ 007B5A

■ 727B78

■ 7E7B7C

■ 8A7B7F

■ 967B82

■ A37B86

Harmonies

Analogous

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



527852



347B68



137B80

Triad

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



347B68



696B9A



94644B

Complementary

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



347B68



7B3447

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.



9C5E5F



347B68



86638C

Square

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



347B68



43739C



985E76



846C41

Rectangle

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



347B68



0F7A8D



985E76



986151

Sweetspot

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



347B68



85A199



487B34



41524D



D1D1D1



525252

Same Dimension

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



347B68



32A183



346C7B



373D3C



007D5C



00FCB9

Inverse Universe

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



7B3447



A1324F



7B4334



3D3739



7D0021



FC0044

Previews

White Background



This preview shows how the Hex color 347B68 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

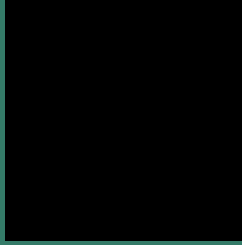
Any Text WCAG AA × Fail

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 347B68 Background



This preview shows how black text looks on a background with the Hex color 347B68.

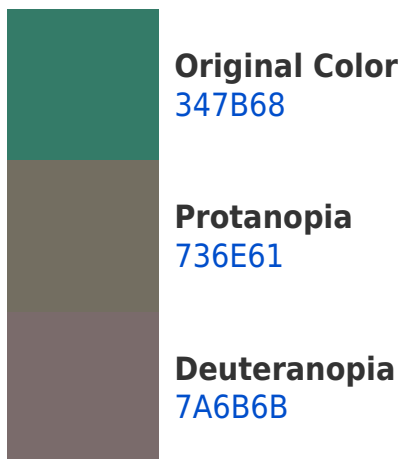


This preview shows how white text looks on a background with the Hex color 347B68.

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
3D7781

Trichromacy



Original Color
347B68

Protanomaly
5C7364

Deuteranomaly
61716A

Tritanomaly
3A7878

Monochromacy



Original Color
347B68

Achromatopsia
646464

Achromatomaly
536C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 347B68 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 #347B68 looks like.

```
.text, #text, p{  
    color:#347B68  
}
```

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 #347B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347B68
}
```

Border

The CSS property to change the border of an element to Hex 347B68 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
#347B68 }
```

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

```
.border{ border-color:#347B68 }
```

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

Here you see how a box with a 4 pixel #347B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347B68; -webkit-box-shadow:4px 4px  
4px 4px #347B68; box-shadow:4px 4px 4px  
4px #347B68 }
```

Background

The CSS property to change the background color of an element to Hex 347B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347B68 }
```

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

```
.background{ background-color:#347B68 }
```

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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