

# Converting Colors

Hex(307C73)

Have a look what the booklet for  
Hex(307C73) contains.

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**Color**

**Hex(307C73)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 307C73                       |
| RGB         | 48, 124, 115                 |
| RGB Percent | 19%, 49%, 45%                |
| CMY         | 0.8118, 0.5137, 0.5490       |
| CMYK        | 0.61, 0.00, 0.07, 0.51       |
| HSL         | 173°, 44%, 34%               |
| HSV         | 173°, 61%, 49%               |
| XYZ         | 11.5211, 16.2815, 18.7551    |
| YIQ         | 100.2500, -42.4070, -18.9110 |

# Conversions

## Conversions Part 2

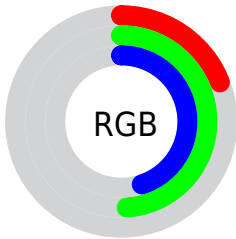
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 48, 88, 124                   |
| Decimal                             | 3177587                       |
| CIELab                              | 47.34, -25.57, -2.07          |
| CIELCh                              | 47, 25.657, 184.628           |
| Yxy                                 | 16.2815, 0.2475,<br>0.3497    |
| Android<br>(android.graphics.Color) | 4281367667<br>(0xFF307C73)    |
| YUV                                 | 100.2500, 7.2717,<br>-45.8233 |
| Hunter-Lab                          | 40.3503, -19.6466,<br>0.6869  |

# Details

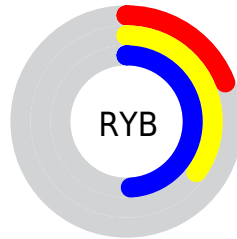
The Hex color **307C73** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C3039**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67B1A7**, and **004B43** is the 20% darker color. If you saturate the color by 10%, you get **247C72**, and if you desaturate by 10%, it is **3C7C74**.

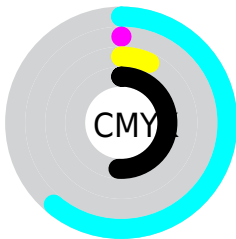
# Distribution



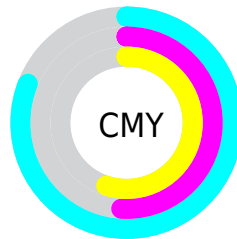
- Red (19%)
- Green (49%)
- Blue (45%)



- Red (19%)
- Yellow (35%)
- Blue (49%)



- Cyan (61%)
- Magenta (0%)
- Yellow (7%)
- Black (51%)



- Cyan (81%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 307C73 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 307C73 by changing the saturation by 10% instead.



 307C73

 307C73

FFFFFF

 0E635A

 67B1A7

 004B43

 82CDC2

 00332D

 9EE9DE

 002018

 BAFFFA

 000000

 D6FFF

 F3FFF

 307C73

 307C73

 247C72

 3C7C74

■ 177C70

■ 497C76

■ 0B7C6F

■ 557C77

■ 007C6D

■ 627C79

■ 6E7C7A

■ 7A7C7C

■ 877C7D

■ 937C7F

■ A07C80

# Harmonies

## Analogous

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



4B7A5D



307C73



217B88

# Triad

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



307C73



776994



8E694A

# Complementary

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



307C73



7C3039

# 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.



996259



307C73



8E6383

# Square

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



307C73



58719B



9A606E



7C7045

# Rectangle

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



307C73



2B7993



9A606E



93664E



# Sweetspot

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



307C73



84A19D



3A7C30



40524F



D1D1D1



525252



# Same Dimension

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



307C73



2AA193



30607C



373D3C



007D6E



00FCDF



# Inverse Universe

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



7C3039



A12A38



7C4C30



3D3738



7D000F

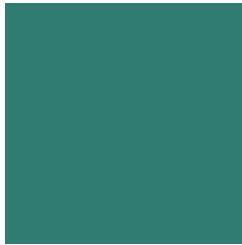


FC001E



# Previews

## White Background



This preview shows how the Hex color 307C73 looks on a white background.

## Color Contrast Check

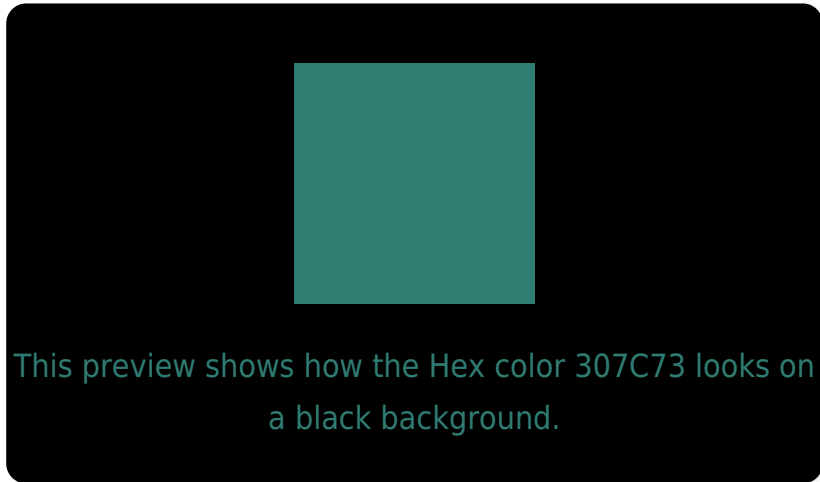
Large Text (above 18pt) WCAG AA ✓ Pass

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

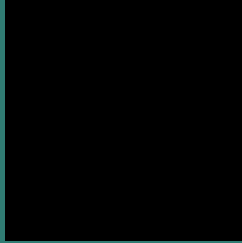
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 307C73 Background



This preview shows how black text looks on a background with the Hex color 307C73.

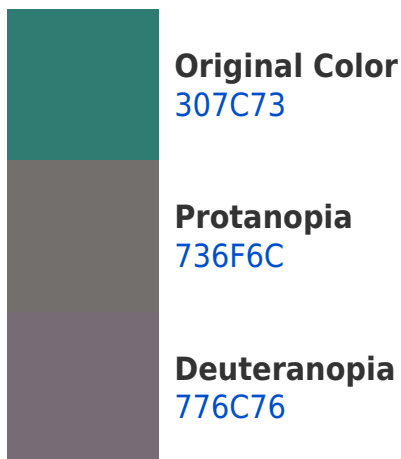



This preview shows how white text looks on a background with the Hex color 307C73.

# 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**  
377A83

# Trichromacy



**Original Color**  
307C73

**Protanomaly**  
5B746F

**Deuteranomaly**  
5D7275

**Tritanomaly**  
347B7D

# Monochromacy



**Original Color**  
307C73

**Achromatopsia**  
646464

**Achromatomaly**  
516D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 307C73 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 #307C73 looks like.

```
.text, #text, p{  
    color:#307C73  
}
```

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 #307C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307C73
}
```

## Border

The CSS property to change the border of an element to Hex 307C73 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
#307C73 }
```

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

```
.border{ border-color:#307C73 }
```

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

Here you see how a box with a 4 pixel #307C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307C73; -webkit-box-shadow:4px 4px  
4px 4px #307C73; box-shadow:4px 4px 4px  
4px #307C73 }
```

# Background

The CSS property to change the background color of an element to Hex 307C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307C73 }
```

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

```
.background{ background-color:#307C73 }
```

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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