

Converting Colors

Hex(317873)

Have a look what the booklet for
Hex(317873) contains.

Hex(317873)	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(317873)

Conversions

Conversions Part 1

Format	Color
Hex	317873
RGB	49, 120, 115
RGB Percent	19%, 47%, 45%
CMY	0.8078, 0.5294, 0.5490
CMYK	0.59, 0.00, 0.04, 0.53
HSL	176°, 42%, 33%
HSV	176°, 59%, 47%
XYZ	11.0776, 15.3237, 18.5936
YIQ	98.2010, -40.7110, -16.6070

Conversions

Conversions Part 2

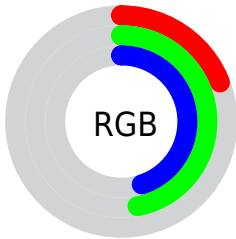
Format	Color
RYB	49, 86, 120
Decimal	3242099
CIELab	46.07, -23.33, -3.93
CIELCh	46, 23.658, 189.573
Yxy	15.3237, 0.2462, 0.3406
Android (android.graphics.Color)	4281432179 (0xFF317873)
YUV	98.2010, 8.2819, -43.1493
Hunter-Lab	39.1455, -17.9918, -0.7601

Details

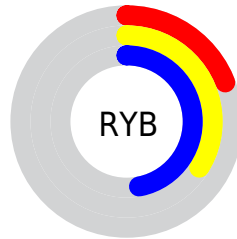
The Hex color **317873** is a dark color, and the websafe version is hex **006666**, and the color name is **myrtle green**. A complement of this color would be **783136**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **67ADA7**, and **004743** is the 20% darker color. If you saturate the color by 10%, you get **257872**, and if you desaturate by 10%, it is **3D7874**.

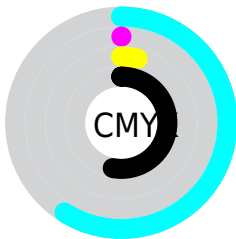
Distribution



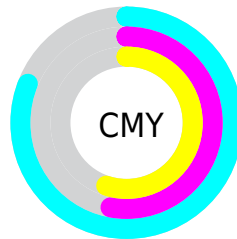
- Red (19%)
- Green (47%)
- Blue (45%)



- Red (19%)
- Yellow (34%)
- Blue (47%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)




- Cyan (81%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317873 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 317873 by changing the saturation by 10% instead.

 317873

 317873

FFFFFF

 115F5A

 67ADA7

 004743

 82C8C2

 00302D

 9EE4DE


 001D18

 B9FFFA

 000000

 D6FFFF

 F3FFFF

 317873

 317873

 257872

 3D7874

■ 197871

■ 497875

■ 0D7870

■ 557876

■ 017870

■ 617876

■ 007870

■ 6D7877

■ 797878

■ 857879

■ 91787A

■ 9D787B

Harmonies

Analogous

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



47775F



317873



2A7786

Triad

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



317873



78668C



866748

Complementary

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



317873



783136

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.



926155



317873



8B607B

Square

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



317873



5C6D94



945E67



746E46

Rectangle

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



317873



35748F



945E67



8B654C

Sweetspot

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



317873



809C9A



377831



3E4F4E



CFCFCF



4F4F4F

Same Dimension

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



317873



2D9C94



315A78



373D3D



007D74



00FCEB

Inverse Universe

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



783136



9C2D35



784F31



3D3738



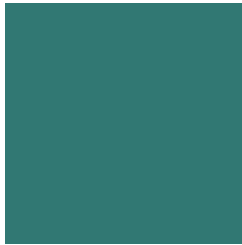
7D0009



FC0012

Previews

White Background



This preview shows how the Hex color 317873 looks on a white background.

Color Contrast Check

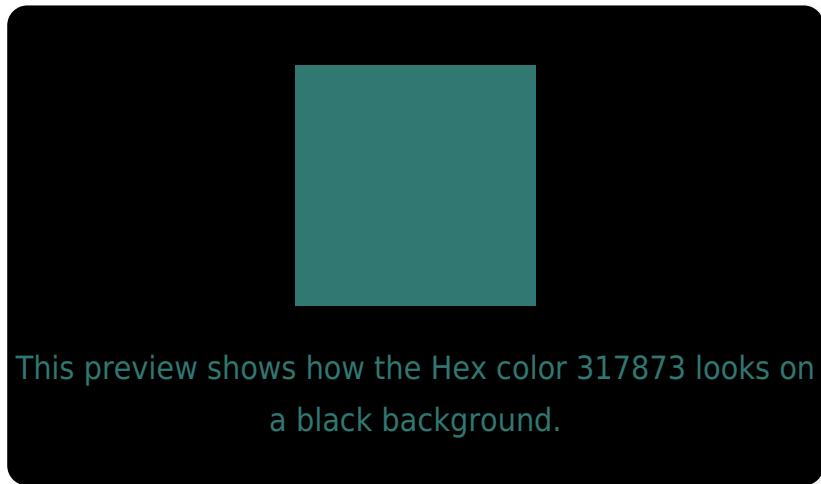
Large Text (above 18pt) WCAG AA ✓ Pass

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

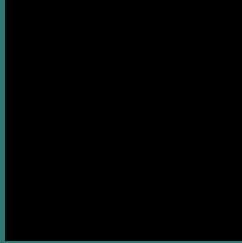
Any Text WCAG AA × Fail

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 317873 Background



This preview shows how black text looks on a background with the Hex color 317873.



This preview shows how white text looks on a background with the Hex color 317873.

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](#).

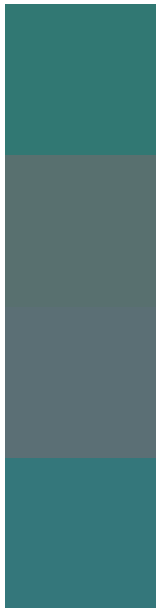
Dichromacy





Tritanopia
367680

Trichromacy



Original Color
317873

Protanomaly
58706F

Deuteranomaly
5B6F75

Tritanomaly
34777B

Monochromacy



Original Color
317873

Achromatopsia
626262

Achromatomaly
506A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 317873 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 #317873 looks like.

```
.text, #text, p{  
    color:#317873  
}
```

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 #317873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317873
}
```

Border

The CSS property to change the border of an element to Hex 317873 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".

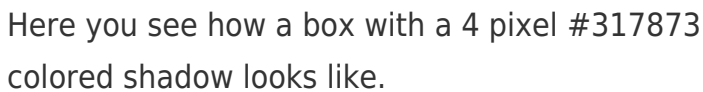
```
.border, #border, table{ border:4px solid
#317873 }
```

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

```
.border{ border-color:#317873 }
```

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

Here you see how a box with a 4 pixel #317873 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317873; -webkit-box-shadow:4px 4px  
4px 4px #317873; box-shadow:4px 4px 4px  
4px #317873 }
```

Background

The CSS property to change the background color of an element to Hex 317873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317873 }
```

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

```
.background{ background-color:#317873 }
```

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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