

Converting Colors

Hex(317A73)

Have a look what the booklet for
Hex(317A73) contains.

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Color

Hex(317A73)

Conversions

Conversions Part 1

Format	Color
Hex	317A73
RGB	49, 122, 115
RGB Percent	19%, 48%, 45%
CMY	0.8078, 0.5216, 0.5490
CMYK	0.60, 0.00, 0.06, 0.52
HSL	174°, 43%, 34%
HSV	174°, 60%, 48%
XYZ	11.3207, 15.8098, 18.6746
YIQ	99.3750, -41.2610, -17.6530

Conversions

Conversions Part 2

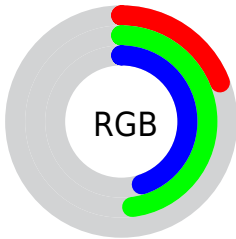
Format	Color
RYB	49, 87, 122
Decimal	3242611
CIELab	46.72, -24.35, -2.98
CIELCh	47, 24.536, 186.966
Yxy	15.8098, 0.2471, 0.3452
Android (android.graphics.Color)	4281432691 (0xFF317A73)
YUV	99.3750, 7.7031, -44.1789
Hunter-Lab	39.7616, -18.7614, -0.0133

Details

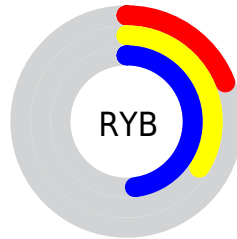
The Hex color **317A73** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A3138**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **67AFA7**, and **004943** is the 20% darker color. If you saturate the color by 10%, you get **257A72**, and if you desaturate by 10%, it is **3D7A74**.

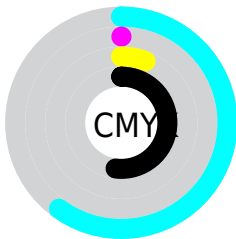
Distribution



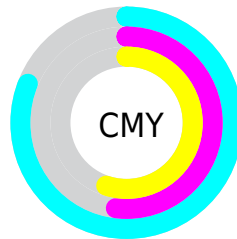
- Red (19%)
- Green (48%)
- Blue (45%)



- Red (19%)
- Yellow (34%)
- Blue (48%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (52%)





- Cyan (81%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317A73 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 317A73 by changing the saturation by 10% instead.

 317A73

 317A73

FFFFFF

 10615A

 67AFA7

 004943

 82CAC2

 00322D

 9EE7DE


 001E18


 BAFFFA

 000000

 D6FFFF

 F4FFFF

 317A73

 317A73

 257A72

 3D7A74

■ 197A71

■ 497A75

■ 0C7A6F

■ 567A77

■ 007A6E

■ 627A78

■ 6E7A79

■ 7A7A7A

■ 867A7B

■ 937A7C

■ 9F7A7E

Harmonies

Analogous

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



49795E



317A73



267987

Triad

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



317A73



786890



8A6849

Complementary

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



317A73



7A3138

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.



956257



317A73



8D617F

Square

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



317A73



5A6F97



975F6B



786F46

Rectangle

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



317A73



317791



975F6B



8F664D

Sweetspot

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



317A73



829E9B



387A31



3E4F4D



CFCFCF



4F4F4F

Same Dimension

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



317A73



2C9E93



315D7A



373D3D



007D71



00FCE4

Inverse Universe

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



7A3138



9E2C37



7A4E31



3D3738



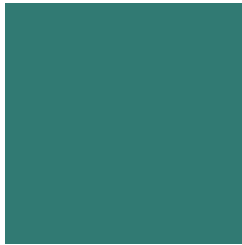
7D000C



FC0018

Previews

White Background



This preview shows how the Hex color 317A73 looks on a white background.

Color Contrast Check

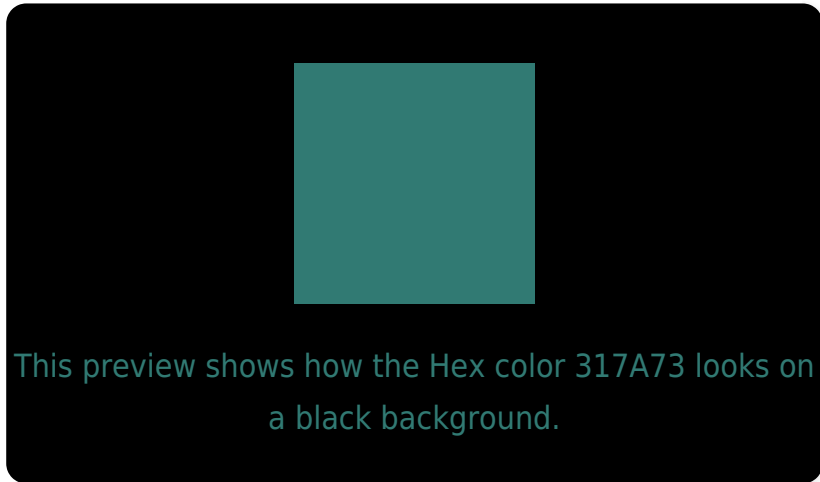
Large Text (above 18pt) WCAG AA ✓ Pass

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

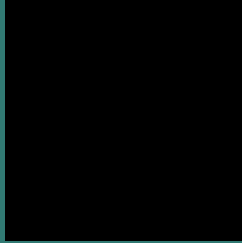
Any Text WCAG AA × Fail

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 317A73 Background



This preview shows how black text looks on a background with the Hex color 317A73.



This preview shows how white text looks on a background with the Hex color 317A73.

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



Original Color
317A73

Protanopia
716E6C

Deuteranopia
756B76



Tritanopia
377882

Trichromacy



Original Color
317A73

Protanomaly
5A726F

Deuteranomaly
5C7075

Tritanomaly
35797D

Monochromacy



Original Color
317A73

Achromatopsia
636363

Achromatomaly
516B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 317A73 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 #317A73 looks like.

```
.text, #text, p{  
    color:#317A73  
}
```

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 #317A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317A73
}
```

Border

The CSS property to change the border of an element to Hex 317A73 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
#317A73 }
```

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

```
.border{ border-color:#317A73 }
```

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

Here you see how a box with a 4 pixel #317A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317A73; -webkit-box-shadow:4px 4px  
4px 4px #317A73; box-shadow:4px 4px 4px  
4px #317A73 }
```

Background

The CSS property to change the background color of an element to Hex 317A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317A73 }
```

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

```
.background{ background-color:#317A73 }
```

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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