

Converting Colors

Hex(317D8B)

Have a look what the booklet for
Hex(317D8B) contains.

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Color

Hex(317D8B)

Conversions

Conversions Part 1

Format	Color
Hex	317D8B
RGB	49, 125, 139
RGB Percent	19%, 49%, 55%
CMY	0.8078, 0.5098, 0.4549
CMYK	0.65, 0.10, 0.00, 0.45
HSL	189°, 48%, 37%
HSV	189°, 65%, 55%
XYZ	13.2604, 17.1843, 27.0441
YIQ	103.8720, -49.7900, -11.7580

Conversions

Conversions Part 2

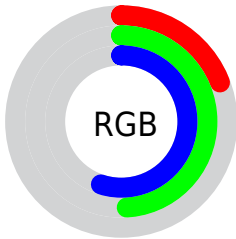
Format	Color
RYB	49, 90, 139
Decimal	3243403
CIELab	48.49, -18.66, -14.53
CIELCh	48, 23.645, 217.907
Yxy	17.1843, 0.2307, 0.2989
Android (android.graphics.Color)	4281433483 (0xFF317D8B)
YUV	103.8720, 17.3181, -48.1227
Hunter-Lab	41.4539, -15.4451, -9.6624

Details

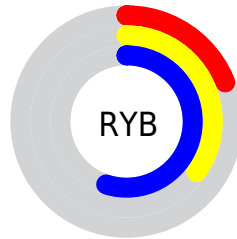
The Hex color **317D8B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B3F31**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6AB2C0**, and **004C59** is the 20% darker color. If you saturate the color by 10%, you get **237B8B**, and if you desaturate by 10%, it is **3F7F8B**.

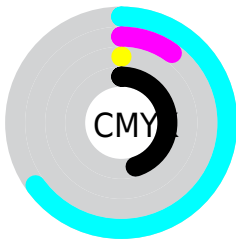
Distribution



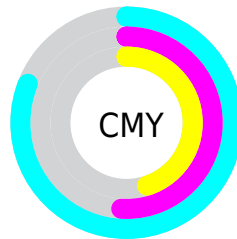
- Red (19%)
- Green (49%)
- Blue (55%)



- Red (19%)
- Yellow (35%)
- Blue (55%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317D8B 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 317D8B by changing the saturation by 10% instead.

■ 317D8B

■ 317D8B

FFFFFF

■ 0A6472

■ 6AB2C0

■ 004C59

■ 85CDDC

■ 003542

■ A1EAF9

■ 00202B

■ BEFFFF

■ 000117

■ DBFFFF

■ 000000

■ F8FFFF

■ 317D8B

■ 317D8B

■ 237B8B

■ 3F7F8B

■ 15798B

■ 4D818B

■ 07778B

■ 5B838B

■ 00758B

■ 69868B

■ 76888B

■ 848A8B

■ 928C8B

■ A08E8B

■ AE908B

Harmonies

Analogous

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



397E78



317D8B



437998

Triad

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



317D8B



916683



7C744B

Complementary

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



317D8B



8B3F31

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.



8E6D4F



317D8B



9A646F

Square

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



317D8B



7D6C93



99675C



667953

Rectangle

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



317D8B



56759B



99675C



82714B

Sweetspot

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



317D8B



93B0B5



318B3E



47595C



DBDBDB



5C5C5C

Same Dimension

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



317D8B



289FB5



31518B



3E4445



007085



000405

Inverse Universe

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



8B317D



B5289F



8B6C31



453E44



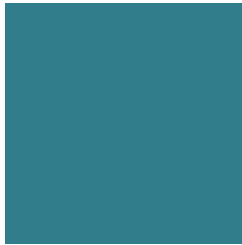
850070



050004

Previews

White Background



This preview shows how the Hex color 317D8B looks on a white background.

Color Contrast Check

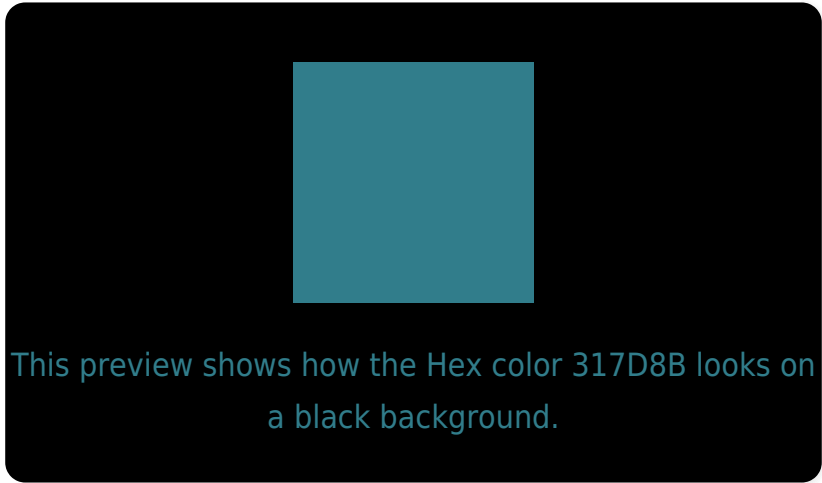
Large Text (above 18pt) WCAG AA ✓ Pass

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

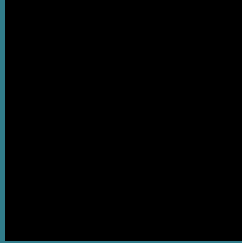
Any Text WCAG AA × Fail

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 317D8B Background



This preview shows how black text looks on a background with the Hex color 317D8B.

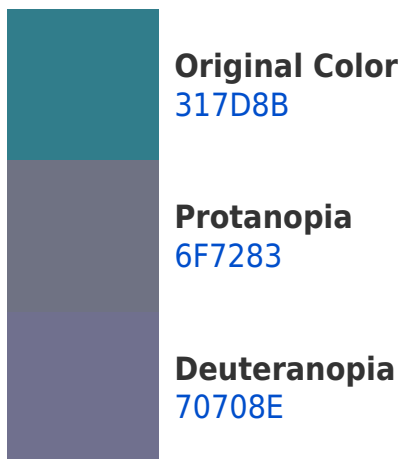


This preview shows how white text looks on a background with the Hex color 317D8B.

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
2F7E88

Trichromacy



Original Color
317D8B

Protanomaly
587686

Deuteranomaly
59758D

Tritanomaly
307E89

Monochromacy



Original Color
317D8B

Achromatopsia
686868

Achromatomaly
547075

CSS Examples

Text

The CSS property to change the color of the text to Hex 317D8B 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 #317D8B looks like.

```
.text, #text, p{  
    color:#317D8B  
}
```

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 #317D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317D8B
}
```

Border

The CSS property to change the border of an element to Hex 317D8B 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
#317D8B }
```

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

```
.border{ border-color:#317D8B }
```

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

Here you see how a box with a 4 pixel #317D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317D8B; -webkit-box-shadow:4px 4px  
4px 4px #317D8B; box-shadow:4px 4px 4px  
4px #317D8B }
```

Background

The CSS property to change the background color of an element to Hex 317D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317D8B }
```

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

```
.background{ background-color:#317D8B }
```

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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