

Converting Colors

Hex(317479)

Have a look what the booklet for
Hex(317479) contains.

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Color

Hex(317479)

Conversions

Conversions Part 1

Format	Color
Hex	317479
RGB	49, 116, 121
RGB Percent	19%, 45%, 47%
CMY	0.8078, 0.5451, 0.5255
CMYK	0.60, 0.04, 0.00, 0.53
HSL	184°, 42%, 33%
HSV	184°, 60%, 47%
XYZ	10.9632, 14.5242, 20.3148
YIQ	96.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

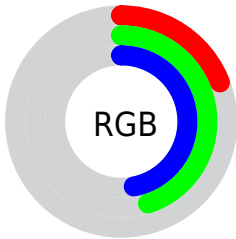
Format	Color
RYB	49, 84, 121
Decimal	3241081
CIELab	44.98, -19.44, -9.15
CIELCh	45, 21.483, 205.217
Yxy	14.5242, 0.2394, 0.3171
Android (android.graphics.Color)	4281431161 (0xFF317479)
YUV	96.5370, 12.0603, -41.6899
Hunter-Lab	38.1107, -15.3450, -4.9269

Details

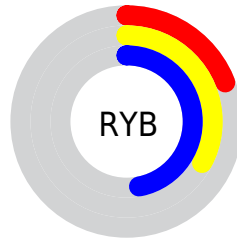
The Hex color **317479** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **793631**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **67A8AD**, and **004349** is the 20% darker color. If you saturate the color by 10%, you get **257379**, and if you desaturate by 10%, it is **3D7579**.

Distribution



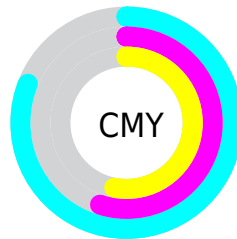
- Red (19%)
- Green (45%)
- Blue (47%)



- Red (19%)
- Yellow (33%)
- Blue (47%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 317479 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 317479 by changing the saturation by 10% instead.

■ 317479

■ 317479

FFFFFF

■ 115B60

■ 67A8AD

■ 004349

■ 82C4C9

■ 002D32

■ 9EE0E5

■ 001A1D

■ BAFcff

■ 000001

■ D6FFFF

■ 000000

■ F3FFFF

■ 317479

■ 317479

■ 257379

■ 3D7579

■ 197279

■ 497679

■ 0D7179

■ 557779

■ 017179

■ 617779

■ 007179

■ 6D7879

■ 7A7979

■ 867A79

■ 927B79

■ 9E7C79

Harmonies

Analogous

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



3E7467



317479



377287

Triad

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



317479



7F617F



7A6847

Complementary

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



317479



793631

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.



87624E



317479



8B5D6E

Square

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



317479



69678B



8E5E5C



676E4A

Rectangle

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



317479



466F8D



8E5E5C



7F6648

Sweetspot

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



317479



829C9E



317936



3E4E4F



CFCFCF



4F4F4F

Same Dimension

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



317479



2E969E



315079



373D3D



00747D



00EBFC

Inverse Universe

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



793174



9E2E96



795A31



3D373D



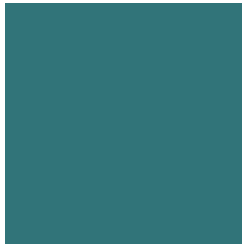
7D0074



FC00EB

Previews

White Background



This preview shows how the Hex color 317479 looks on a white background.

Color Contrast Check

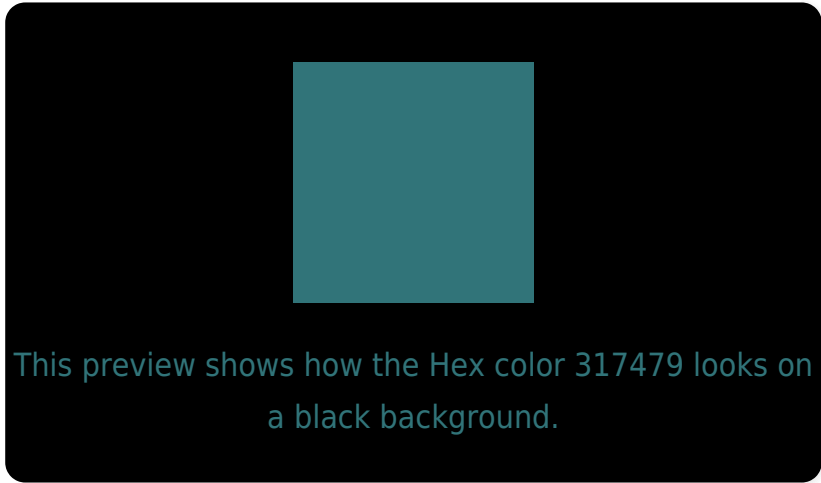
Large Text (above 18pt) WCAG AA ✓ Pass

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

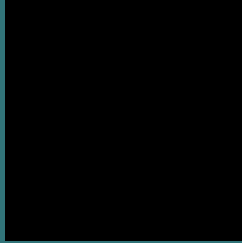
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

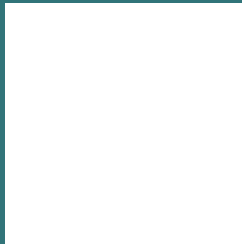
Any Text WCAG AAA × Fail

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

Hex 317479 Background



This preview shows how black text looks on a background with the Hex color 317479.

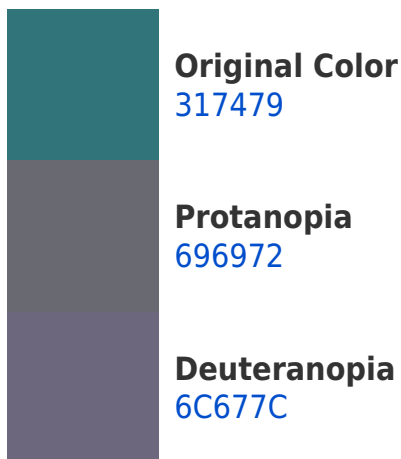


This preview shows how white text looks on a background with the Hex color 317479.

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](#).

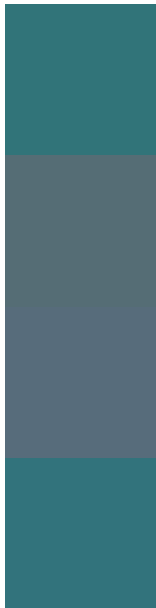
Dichromacy





Tritanopia
33737D

Trichromacy



Original Color
317479

Protanomaly
556D75

Deuteranomaly
576C7B

Tritanomaly
32737C

Monochromacy



Original Color
317479

Achromatopsia
616161

Achromatomaly
50686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 317479 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 #317479 looks like.

```
.text, #text, p{  
    color:#317479  
}
```

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 #317479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317479
}
```

Border

The CSS property to change the border of an element to Hex 317479 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
#317479 }
```

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

```
.border{ border-color:#317479 }
```

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

Here you see how a box with a 4 pixel #317479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317479; -webkit-box-shadow:4px 4px  
4px 4px #317479; box-shadow:4px 4px 4px  
4px #317479 }
```

Background

The CSS property to change the background color of an element to Hex 317479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317479 }
```

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

```
.background{ background-color:#317479 }
```

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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