

Converting Colors

Hex(317E5B)

Have a look what the booklet for
Hex(317E5B) contains.

Hex(317E5B)	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(317E5B)

Conversions

Conversions Part 1

Format	Color
Hex	317E5B
RGB	49, 126, 91
RGB Percent	19%, 49%, 36%
CMY	0.8078, 0.5059, 0.6431
CMYK	0.61, 0.00, 0.28, 0.51
HSL	153°, 44%, 34%
HSV	153°, 61%, 49%
XYZ	10.6158, 16.3300, 12.4900
YIQ	98.9870, -34.6570, -27.2090

Conversions

Conversions Part 2

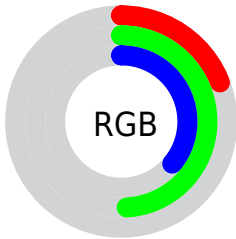
Format	Color
RYB	49, 99, 126
Decimal	3243611
CIELab	47.40, -32.50, 12.14
CIElCh	47, 34.697, 159.518
Yxy	16.3300, 0.2692, 0.4141
Android (android.graphics.Color)	4281433691 (0xFF317E5B)
YUV	98.9870, -3.9376, -43.8386
Hunter-Lab	40.4104, -23.8263, 9.9620

Details

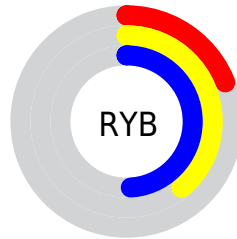
The Hex color **317E5B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E3154**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **67B38D**, and **004C2D** is the 20% darker color. If you saturate the color by 10%, you get **247E55**, and if you desaturate by 10%, it is **3E7E61**.

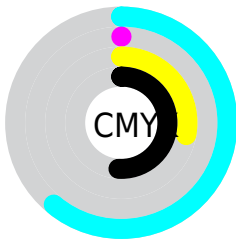
Distribution



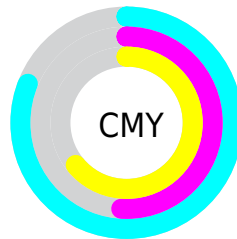
- Red (19%)
- Green (49%)
- Blue (36%)



- Red (19%)
- Yellow (39%)
- Blue (49%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (51%)




- Cyan (81%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317E5B 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 317E5B by changing the saturation by 10% instead.

 317E5B

 317E5B

FFFFFF

 116543

 67B38D

 004C2D

 82CFA8

 003518

 9DECC3


 002100

 B9FFDF

 000000

 D6FFFB

 F3FFFF

 317E5B

 317E5B

 247E55

 3E7E61

■ 187E50

■ 4A7E66

■ 0B7E4A

■ 577E6C

■ 007E45

■ 637E72

■ 707E78

■ 7D7E7D

■ 897E83

■ 967E89

■ A27E8F

Harmonies

Analogous

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



5A7942



317E5B



008079

Triad

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



317E5B



5270AA



A45E4D

Complementary

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



317E5B



7E3154

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.



A85868



317E5B



7F659E

Square

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



317E5B



0079A7



9C5B86



93683A

Rectangle

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



317E5B



007F8C



9C5B86



A75B55

Sweetspot

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



317E5B



86A396



557E31



405249



D1D1D1



525252

Same Dimension

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



317E5B



2CA36D



317B7E



39403D



008046



000000

Inverse Universe

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



7E3154



A32C62



7E3431



40393C



80003A



000000

Previews

White Background



This preview shows how the Hex color 317E5B looks on a white background.

Color Contrast Check

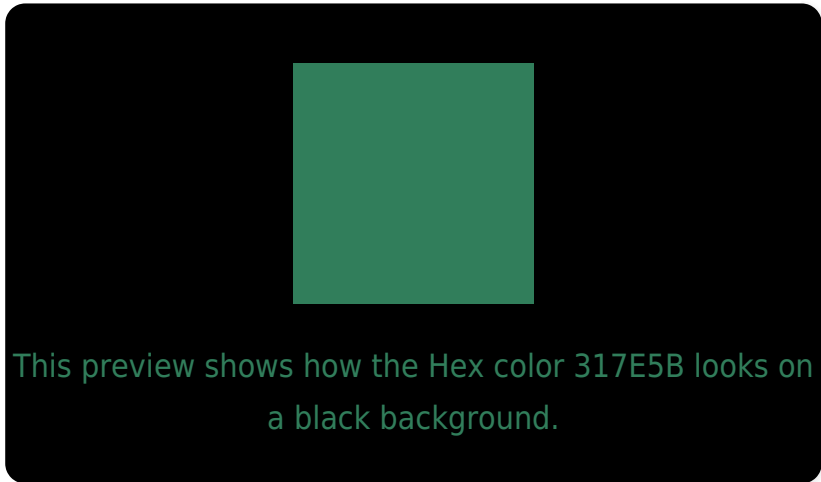
Large Text (above 18pt) WCAG AA ✓ Pass

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 317E5B Background



This preview shows how black text looks on a background with the Hex color 317E5B.

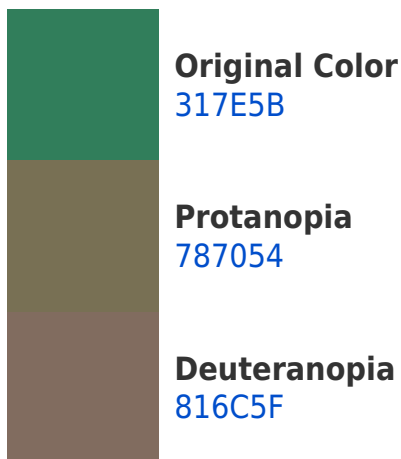


This preview shows how white text looks on a background with the Hex color 317E5B.

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](#).

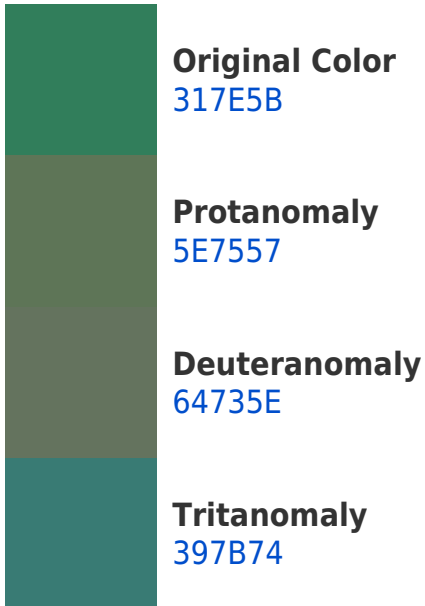
Dichromacy



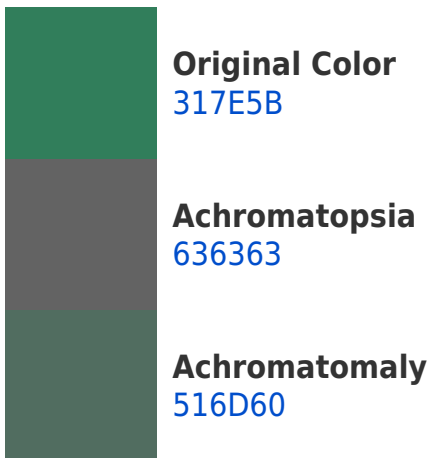


Tritanopia
3E7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 317E5B 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 #317E5B looks like.

```
.text, #text, p{  
    color:#317E5B  
}
```

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 #317E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317E5B
}
```

Border

The CSS property to change the border of an element to Hex 317E5B 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
#317E5B }
```

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

```
.border{ border-color:#317E5B }
```

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

Here you see how a box with a 4 pixel #317E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317E5B; -webkit-box-shadow:4px 4px  
4px 4px #317E5B; box-shadow:4px 4px 4px  
4px #317E5B }
```

Background

The CSS property to change the background color of an element to Hex 317E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317E5B }
```

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

```
.background{ background-color:#317E5B }
```

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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