

Converting Colors

Hex(317D62)

Have a look what the booklet for
Hex(317D62) contains.

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Color

Hex(317D62)

Conversions

Conversions Part 1	
Format	Color
Hex	317D62
RGB	49, 125, 98
RGB Percent	19%, 49%, 38%
CMY	0.8078, 0.5098, 0.6157
CMYK	0.61, 0.00, 0.22, 0.51
HSL	159°, 44%, 34%
HSV	159°, 61%, 49%
XYZ	10.8048, 16.2020, 14.1131
YIQ	99.1980, -36.6290, -24.5090

Conversions

Conversions Part 2

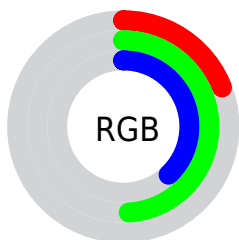
Format	Color
RYB	49, 95, 125
Decimal	3243362
CIELab	47.24, -30.37, 7.82
CIELCh	47, 31.357, 165.567
Yxy	16.2020, 0.2628, 0.3940
Android (android.graphics.Color)	4281433442 (0xFF317D62)
YUV	99.1980, -0.5906, -44.0236
Hunter-Lab	40.2518, -22.5255, 7.3879

Details

The Hex color **317D62** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7D314C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **67B295**, and **004B34** is the 20% darker color. If you saturate the color by 10%, you get **257D5E**, and if you desaturate by 10%, it is **3E7D66**.

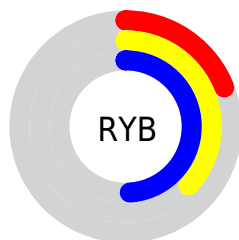
Distribution



Red (19%)

Green (49%)

Blue (38%)



Red (19%)

Yellow (37%)

Blue (49%)

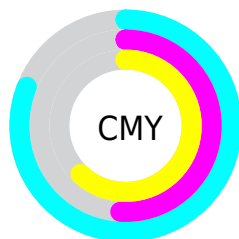


Cyan (61%)

Magenta (0%)

Yellow (22%)

Black (51%)



Cyan (81%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317D62 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 317D62 by changing the saturation by 10% instead.

 317D62

 317D62

FFFFFF

 11644A

 67B295

 004B34

 82CEAF

 00341E

 9DEACB


 002106


 B9FFE7

 000000

 D6FFFF

 F3FFFF

 317D62

 317D62

 257D5E

 3E7D66

 187D59

 4A7D6B

 0C7D55

 577D6F

 007D51

 637D74

 707D78

 7C7D7D

 897D81

 957D86

 A27D8A

Harmonies

Analogous

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



56794A



317D62



007E7D

Triad

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



317D62



5F6EA3



9D614C

Complementary

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



317D62



7D314C

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.



A35B63



317D62



846495

Square

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



317D62



2B76A3



9B5C7E



8C6A3D

Rectangle

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



317D62



007D8E



9B5C7E



A05E53

Sweetspot

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



317D62



86A399



4D7D31



40524B



D1D1D1



525252

Same Dimension

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



317D62



2CA379



31737D



39403D



008052



000000

Inverse Universe

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



7D314C



A32C56



7D3B31



40393C



80002D



000000

Previews

White Background



This preview shows how the Hex color 317D62 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



This preview shows how the Hex color 317D62 looks on a 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 317D62 Background



This preview shows how black text looks on a background with the Hex color 317D62.



This preview shows how white text looks on a background with the Hex color 317D62.

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

317D62

Protanopia

766F5B



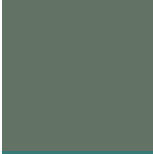

Deuteranopia

7E6B66






Tritanopia
3C7982

Trichromacy

	Original Color 317D62
	Protanomaly 5D745E
	Deuteranomaly 627265
	Tritanomaly 387A76

Monochromacy

	Original Color 317D62
	Achromatopsia 636363
	Achromatomaly 516C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 317D62 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 #317D62 looks like.

```
.text, #text, p{  
    color:#317D62  
}
```

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 #317D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317D62
}
```

Border

The CSS property to change the border of an element to Hex 317D62 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
#317D62 }
```

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

```
.border{ border-color:#317D62 }
```

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

Here you see how a box with a 4 pixel #317D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317D62; -webkit-box-shadow:4px 4px  
4px 4px #317D62; box-shadow:4px 4px 4px  
4px #317D62 }
```

Background

The CSS property to change the background color of an element to Hex 317D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317D62 }
```

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

```
.background{ background-color:#317D62 }
```

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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