

Converting Colors

Hex(317575)

Have a look what the booklet for
Hex(317575) contains.

Hex(317575)	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(317575)

Conversions

Conversions Part 1

Format	Color
Hex	317575
RGB	49, 117, 117
RGB Percent	19%, 46%, 46%
CMY	0.8078, 0.5412, 0.5412
CMYK	0.58, 0.00, 0.00, 0.54
HSL	180°, 41%, 33%
HSV	180°, 58%, 46%
XYZ	10.8388, 14.6599, 19.0880
YIQ	96.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

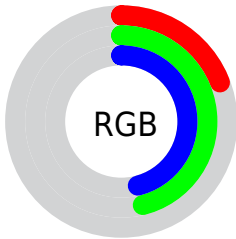
Format	Color
RYB	49, 83, 117
Decimal	3241333
CIELab	45.16, -21.18, -6.48
CIELCh	45, 22.144, 197.009
Yxy	14.6599, 0.2431, 0.3288
Android (android.graphics.Color)	4281431413 (0xFF317575)
YUV	96.6680, 10.0237, -41.8048
Hunter-Lab	38.2883, -16.4739, -2.7563

Details

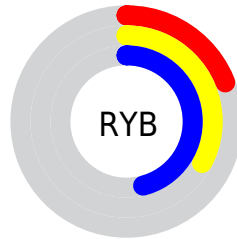
The Hex color **317575** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **753131**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **67A9A9**, and **004445** is the 20% darker color. If you saturate the color by 10%, you get **257575**, and if you desaturate by 10%, it is **3D7575**.

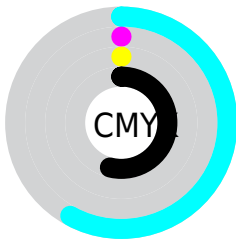
Distribution



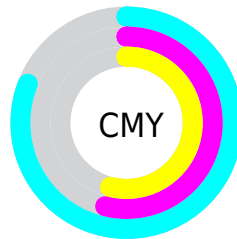
- Red (19%)
- Green (46%)
- Blue (46%)



- Red (19%)
- Yellow (33%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)




- Cyan (81%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317575 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 317575 by changing the saturation by 10% instead.

 317575

 317575

FFFFFF

 115C5C

 67A9A9

 004445

 82C5C4

 002E2F

 9DE1E0


 001B1A

 B9FEFD

 000000

 D6FFFF

 F3FFFF

 317575

 317575

 257575

 3D7575

■ 1A7575

■ 487575

■ 0E7575

■ 547575

■ 027575

■ 607575

■ 007575

■ 6C7575

■ 777575

■ 837575

■ 8F7575

■ 9A7575

Harmonies

Analogous

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



437462



317575



317385

Triad

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



317575



7A6284



7F6747

Complementary

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



317575



753131

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.



8B6151



317575



8A5E74

Square

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



317575



62698E



905D61



6D6D47

Rectangle

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



317575



3E718C



905D61



846549

Sweetspot

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



317575



7F9999



317531



3D4D4D



CCCCCC



4D4D4D

Same Dimension

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



317575



2E9999



315375



353B3B



007A7A



00FAFA

Inverse Universe

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



753175



992E99



755331



3B353B



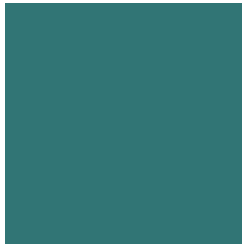
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 317575 looks on a white background.

Color Contrast Check

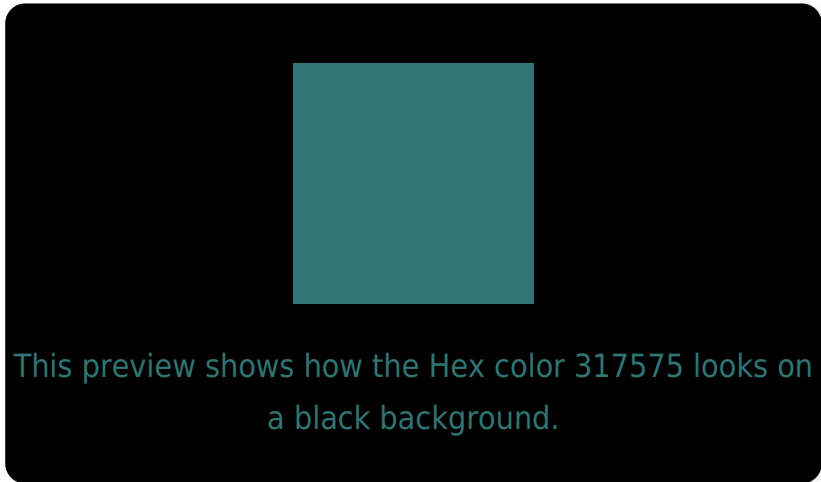
Large Text (above 18pt) WCAG AA ✓ Pass

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

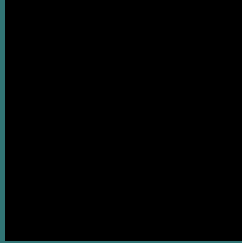
Any Text WCAG AA × Fail

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 317575 Background



This preview shows how black text looks on a background with the Hex color 317575.

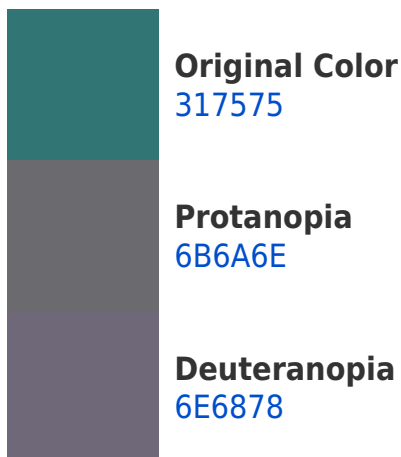


This preview shows how white text looks on a background with the Hex color 317575.

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](#).

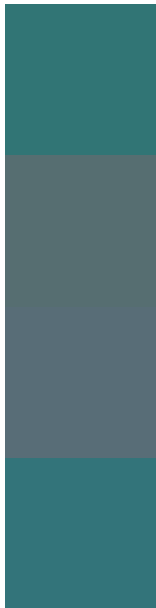
Dichromacy





Tritanopia
34747D

Trichromacy



Original Color
317575

Protanomaly
566E71

Deuteranomaly
586D77

Tritanomaly
33747A

Monochromacy



Original Color
317575

Achromatopsia
616161

Achromatomaly
506868

CSS Examples

Text

The CSS property to change the color of the text to Hex 317575 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 #317575 looks like.

```
.text, #text, p{  
    color:#317575  
}
```

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 #317575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317575
}
```

Border

The CSS property to change the border of an element to Hex 317575 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
#317575 }
```

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

```
.border{ border-color:#317575 }
```

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

Here you see how a box with a 4 pixel #317575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317575; -webkit-box-shadow:4px 4px  
4px 4px #317575; box-shadow:4px 4px 4px  
4px #317575 }
```

Background

The CSS property to change the background color of an element to Hex 317575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317575 }
```

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

```
.background{ background-color:#317575 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor