

Converting Colors

Hex(517E7E)

Have a look what the booklet for
Hex(517E7E) contains.

Hex(517E7E)	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(517E7E)

Conversions

Conversions Part 1

Format	Color
Hex	517E7E
RGB	81, 126, 126
RGB Percent	32%, 49%, 49%
CMY	0.6824, 0.5059, 0.5059
CMYK	0.36, 0.00, 0.00, 0.51
HSL	180°, 22%, 41%
HSV	180°, 36%, 49%
XYZ	14.6201, 18.1774, 22.4767
YIQ	112.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

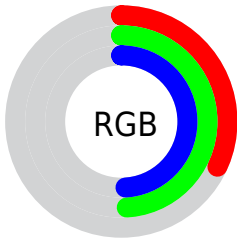
Format	Color
RYB	81, 104, 126
Decimal	5340798
CIELab	49.71, -15.33, -4.91
CIELCh	50, 16.100, 197.744
Yxy	18.1774, 0.2645, 0.3289
Android (android.graphics.Color)	4283530878 (0xFF517E7E)
YUV	112.5450, 6.6333, -27.6650
Hunter-Lab	42.6350, -13.4012, -1.4126

Details

The Hex color **517E7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5151**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **84B3B3**, and **1F4D4D** is the 20% darker color. If you saturate the color by 10%, you get **447E7E**, and if you desaturate by 10%, it is **5E7E7E**.

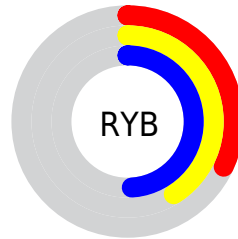
Distribution



Red (32%)

Green (49%)

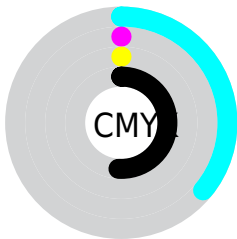
Blue (49%)



Red (32%)

Yellow (41%)

Blue (49%)

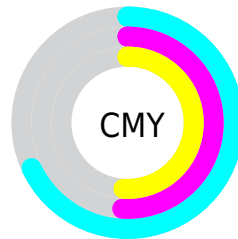


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517E7E 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 517E7E by changing the saturation by 10% instead.

■ 517E7E

■ 517E7E

FFFFFF

■ 386565

■ 84B3B3

■ 1F4D4D

■ 9FCECE

■ 033636

■ BBEBEA

■ 002121

■ D7FFFF

■ 00000B

■ F4FFFF

■ 000000

■ 517E7E

■ 517E7E

■ 447E7E

■ 5E7E7E

■ 387E7E

■ 6A7E7E

■ 2B7E7E

■ 777E7E

■ 1F7E7E

■ 837E7E

■ 127E7E

■ 907E7E

■ 057E7E

■ 9D7E7E

■ 007E7E

■ A97E7E

■ B67E7E

■ C27E7E

Harmonies

Analogous

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



5A7E70



517E7E



537C8A

Triad

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



517E7E



827089



86735C

Complementary

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



517E7E



7E5151

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.



8F6F63



517E7E



8E6D7C

Square

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



517E7E



717590



936D6E



78785C

Rectangle

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



517E7E



5A7A8F



936D6E



8A725D

Sweetspot

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



517E7E



91A3A3



517E51



475252



D1D1D1



525252

Same Dimension

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



517E7E



5DA3A3



51687E



394040



008080



000000

Inverse Universe

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



7E517E



A35DA3



7E6851



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 517E7E 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

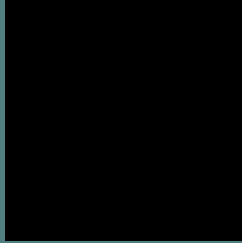
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 517E7E Background



This preview shows how black text looks on a background with the Hex color 517E7E.



This preview shows how white text looks on a background with the Hex color 517E7E.

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
517E7E

Protanopia
777579

Deuteranopia
7C7280



Tritanopia
537D87

Trichromacy



Original Color
517E7E

Protanomaly
69787B

Deuteranomaly
6C767F

Tritanomaly
527D84

Monochromacy



Original Color
517E7E

Achromatopsia
717171

Achromatomaly
657676

CSS Examples

Text

The CSS property to change the color of the text to Hex 517E7E 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 #517E7E looks like.

```
.text, #text, p{  
    color:#517E7E  
}
```

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 #517E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517E7E
}
```

Border

The CSS property to change the border of an element to Hex 517E7E 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
#517E7E }
```

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

```
.border{ border-color:#517E7E }
```

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

Here you see how a box with a 4 pixel #517E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517E7E; -webkit-box-shadow:4px 4px  
4px 4px #517E7E; box-shadow:4px 4px 4px  
4px #517E7E }
```

Background

The CSS property to change the background color of an element to Hex 517E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517E7E }
```

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

```
.background{ background-color:#517E7E }
```

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