

Converting Colors

Hex(517A68)

Have a look what the booklet for
Hex(517A68) contains.

Hex(517A68)	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(517A68)

Conversions

Conversions Part 1

Format	Color
Hex	517A68
RGB	81, 122, 104
RGB Percent	32%, 48%, 41%
CMY	0.6824, 0.5216, 0.5922
CMYK	0.34, 0.00, 0.15, 0.52
HSL	154°, 20%, 40%
HSV	154°, 34%, 48%
XYZ	12.8516, 16.6679, 15.6366
YIQ	107.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

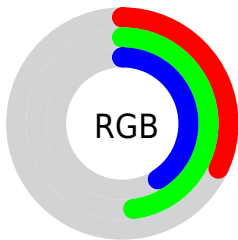
Format	Color
RYB	81, 107, 122
Decimal	5339752
CIELab	47.84, -18.54, 5.33
CIELCh	48, 19.288, 163.951
Yxy	16.6679, 0.2846, 0.3691
Android (android.graphics.Color)	4283529832 (0xFF517A68)
YUV	107.6890, -1.8187, -23.4063
Hunter-Lab	40.8263, -15.2567, 5.8702

Details

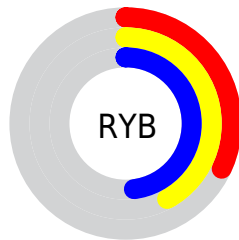
The Hex color **517A68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5163**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **84AF9B**, and **214939** is the 20% darker color. If you saturate the color by 10%, you get **457A63**, and if you desaturate by 10%, it is **5D7A6D**.

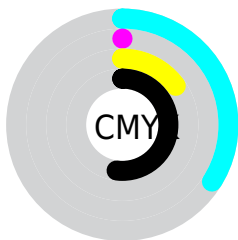
Distribution



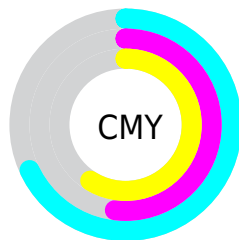
- Red (32%)
- Green (48%)
- Blue (41%)



- Red (32%)
- Yellow (42%)
- Blue (48%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (52%)



- Cyan (68%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517A68 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 517A68 by changing the saturation by 10% instead.

517A68

517A68

FFFFFF

396150

84AF9B

214939

9ECAB6

093224

B9E6D2

001E0E

D5FFEE

000000

F2FFFF

517A68

517A68

457A63

5D7A6D

397A5D

697A73

■ 2C7A58

■ 767A78

■ 207A53

■ 827A7D

■ 147A4D

■ 8E7A83

■ 087A48

■ 9A7A88

■ 007A44

■ A67A8D

■ B37A93

■ BF7A98

Harmonies

Analogous

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



63775A



517A68



437B79

Triad

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



517A68



687091



90685C

Complementary

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



517A68



7A5163

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.



93666A



517A68



7D6B89

Square

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



517A68



527690



8C677B



856D53

Rectangle

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



517A68



417A83



8C677B



926760

Sweetspot

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



517A68



8E9E97



637A51



464F4B



CFCFCF



4F4F4F

Same Dimension

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



517A68



5F9E82



51787A



373D3B



007D46



00FC8E

Inverse Universe

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



7A5163



9E5F7B



7A5351



3D373A



7D0037



FC006F

Previews

White Background



This preview shows how the Hex color 517A68 looks on a white background.

Color Contrast Check

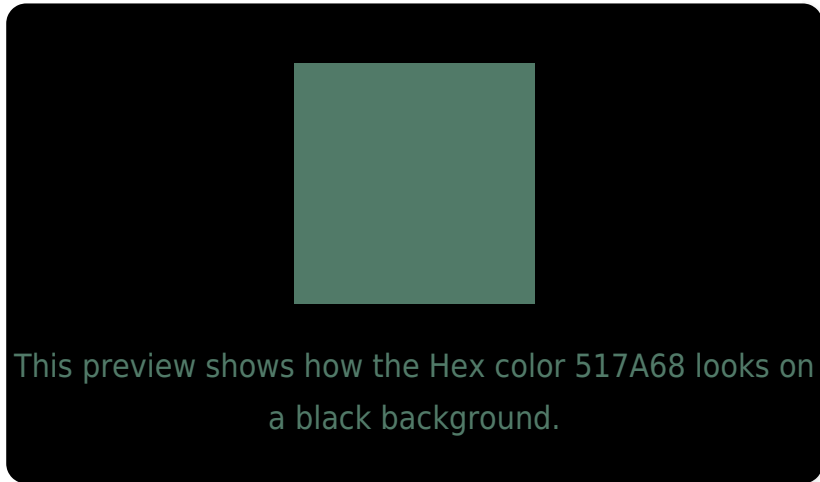
Large Text (above 18pt) WCAG AA ✓ Pass

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

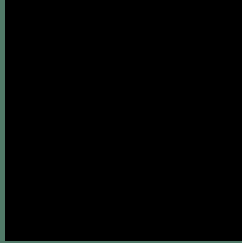
Any Text WCAG AA × Fail

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 517A68 Background



This preview shows how black text looks on a background with the Hex color 517A68.

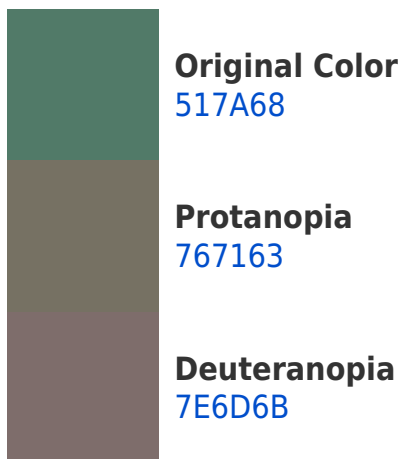


This preview shows how white text looks on a background with the Hex color 517A68.

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
567780

Trichromacy



Original Color
517A68

Protanomaly
697465

Deuteranomaly
6E726A

Tritanomaly
547877

Monochromacy



Original Color
517A68

Achromatopsia
6C6C6C

Achromatomaly
62716B

CSS Examples

Text

The CSS property to change the color of the text to Hex 517A68 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 #517A68 looks like.

```
.text, #text, p{  
    color:#517A68  
}
```

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 #517A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517A68
}
```

Border

The CSS property to change the border of an element to Hex 517A68 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
#517A68 }
```

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

```
.border{ border-color:#517A68 }
```

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

Here you see how a box with a 4 pixel #517A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517A68; -webkit-box-shadow:4px 4px  
4px 4px #517A68; box-shadow:4px 4px 4px  
4px #517A68 }
```

Background

The CSS property to change the background color of an element to Hex 517A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517A68 }
```

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

```
.background{ background-color:#517A68 }
```

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