

# Converting Colors

Hex(517A6B)

Have a look what the booklet for  
Hex(517A6B) contains.

<b>Hex(517A6B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(517A6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	517A6B
RGB	81, 122, 107
RGB Percent	32%, 48%, 42%
CMY	0.6824, 0.5216, 0.5804
CMYK	0.34, 0.00, 0.12, 0.52
HSL	158°, 20%, 40%
HSV	158°, 34%, 48%
XYZ	13.0067, 16.7299, 16.4536
YIQ	108.0310, -19.6210, -13.3570

# Conversions

## Conversions Part 2

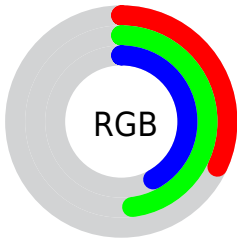
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 106, 122
Decimal	5339755
CIE <sub>Lab</sub>	47.92, -17.85, 3.68
CIE <sub>LCh</sub>	48, 18.223, 168.364
Yxy	16.7299, 0.2816, 0.3622
Android (android.graphics.Color)	4283529835 (0xFF517A6B)
<b>YUV</b>	108.0310, -0.5083, -23.7062
Hunter-Lab	40.9022, -14.8168, 4.7812

# Details

The Hex color **517A6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5160**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **84AF9E**, and **21493C** is the 20% darker color. If you saturate the color by 10%, you get **457A67**, and if you desaturate by 10%, it is **5D7A6F**.

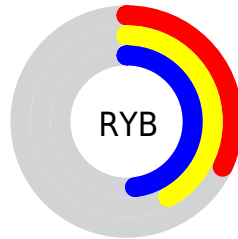
# Distribution



Red (32%)

Green (48%)

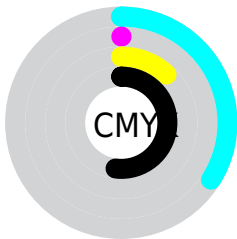
Blue (42%)



Red (32%)

Yellow (42%)

Blue (48%)

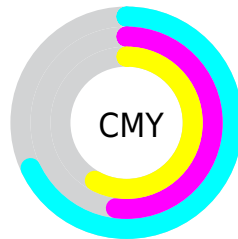


Cyan (34%)

Magenta (0%)

Yellow (12%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517A6B 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 517A6B by changing the saturation by 10% instead.



■ 517A6B

■ 517A6B

FFFFFF

■ 396153

■ 84AF9E

■ 21493C

■ 9ECAB9

■ 083226

■ BAE6D5

■ 001E11

■ D5FFF1

■ 000000

■ F2FFFF

■ 517A6B

■ 517A6B

■ 457A67

■ 5D7A6F

■ 397A62

■ 697A74

■ 2C7A5E

■ 767A78

■ 207A59

■ 827A7D

■ 147A55

■ 8E7A81

■ 087A50

■ 9A7A86

■ 007A4D

■ A67A8A

■ B37A8F

■ BF7A93

# Harmonies

## Analogous

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



62785D



517A6B



467A7B

# Triad

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



517A6B



6C708F



8D6A5B

# Complementary

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



517A6B



7A5160

# 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.



916769



517A6B



806B86

# Square

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



517A6B



57758F



8D6778



836F54

# Rectangle

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



517A6B



457984



8D6778



90695F



# Sweetspot

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



517A6B



8E9E98



607A51



464F4C



CFCFCF



4F4F4F



# Same Dimension

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



517A6B



5F9E87



51757A



373D3B



007D4F



00FCA0



# Inverse Universe

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



7A5160



9E5F76



7A5651



3D3739



7D002E



FC005C



# Previews

## White Background



This preview shows how the Hex color 517A6B looks on a white background.

## Color Contrast Check

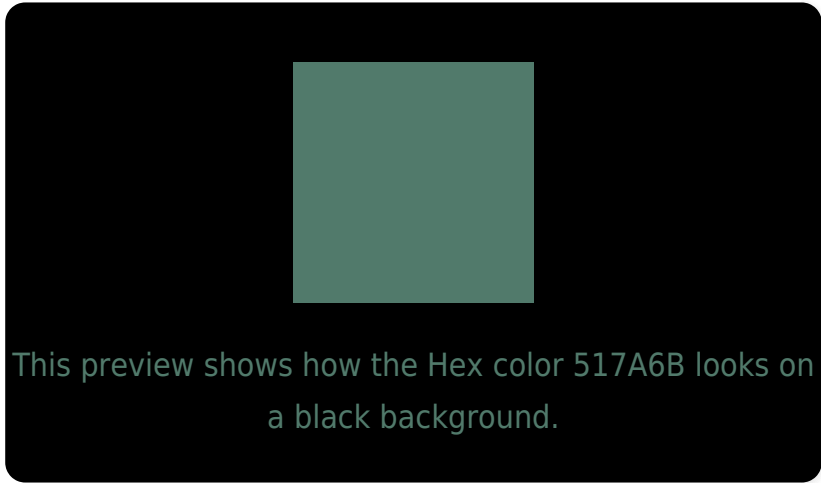
Large Text (above 18pt) WCAG AA ✓ Pass

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

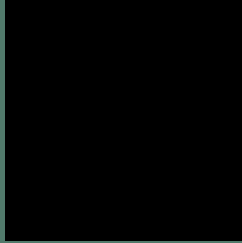
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 517A6B Background



This preview shows how black text looks on a background with the Hex color 517A6B.

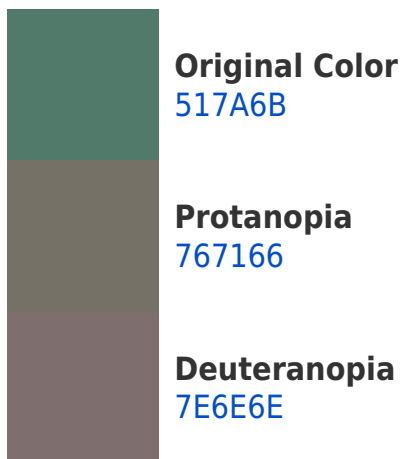


This preview shows how white text looks on a background with the Hex color 517A6B.

# 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](#).

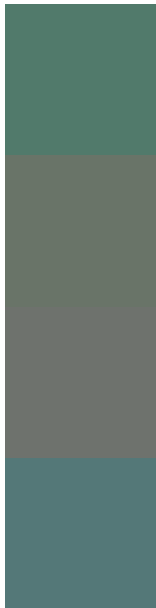
## Dichromacy





**Tritanopia**  
567780

# Trichromacy



**Original Color**  
517A6B

**Protanomaly**  
697468

**Deuteranomaly**  
6E726D

**Tritanomaly**  
547878

# Monochromacy



**Original Color**  
517A6B

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
62716C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517A6B 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 #517A6B looks like.

```
.text, #text, p{  
    color:#517A6B  
}
```

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 #517A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517A6B
}
```

## Border

The CSS property to change the border of an element to Hex 517A6B 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
#517A6B }
```

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

```
.border{ border-color:#517A6B }
```

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

Here you see how a box with a 4 pixel #517A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517A6B; -webkit-box-shadow:4px 4px  
4px 4px #517A6B; box-shadow:4px 4px 4px  
4px #517A6B }
```

# Background

The CSS property to change the background color of an element to Hex 517A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517A6B }
```

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

```
.background{ background-color:#517A6B }
```

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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