

# Converting Colors

Hex(517769)

Have a look what the booklet for  
Hex(517769) contains.

<b>Hex(517769)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(517769)

# Conversions

## Conversions Part 1

Format	Color
Hex	517769
RGB	81, 119, 105
RGB Percent	32%, 47%, 41%
CMY	0.6824, 0.5333, 0.5882
CMYK	0.32, 0.00, 0.12, 0.53
HSL	158°, 19%, 39%
HSV	158°, 32%, 47%
XYZ	12.5400, 15.9629, 15.7848
YIQ	106.0420, -18.1540, -12.4100

# Conversions

## Conversions Part 2

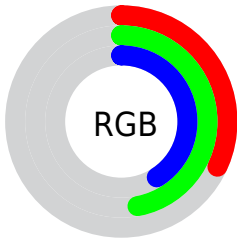
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 104, 119
Decimal	5338985
CIELab	46.93, -16.69, 3.43
CIElCh	47, 17.040, 168.394
Yxy	15.9629, 0.2831, 0.3604
Android (android.graphics.Color)	4283529065 (0xFF517769)
YUV	106.0420, -0.5137, -21.9618
Hunter-Lab	39.9536, -13.8942, 4.5433

# Details

The Hex color **517769** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77515F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84AB9C**, and **22463A** is the 20% darker color. If you saturate the color by 10%, you get **457765**, and if you desaturate by 10%, it is **5D776D**.

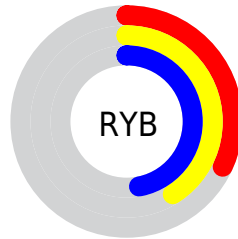
# Distribution



Red (32%)

Green (47%)

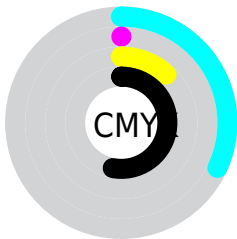
Blue (41%)



Red (32%)

Yellow (41%)

Blue (47%)

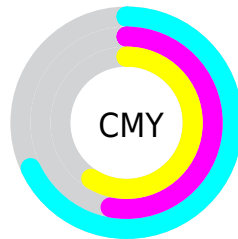


Cyan (32%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517769 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 517769 by changing the saturation by 10% instead.



■ 517769

■ 517769

FFFFFF

■ 395E51

■ 84AB9C

■ 22463A

■ 9EC7B7

■ 0A3024

■ B9E3D3

■ 001C0F

■ D5FFE7

■ 000000

■ F2FFFF

■ 517769

■ 517769

■ 457765

■ 5D776D

■ 397760

■ 697772

■ 2D775C

■ 757776

■ 217757

■ 81777B

■ 167753

■ 8C777F

■ 0A774F

■ 987783

■ 00774B

■ A47788

■ B0778C

■ BC7790

# Harmonies

## Analogous

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



60755C



517769



477778

# Triad

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



517769



6A6E8A



89685A

# Complementary

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



517769



77515F

# 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.



8D6567



517769



7C6982

# Square

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



517769



57728B



886675



7F6C53

# Rectangle

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



517769



477680



886675



8B675E



# Sweetspot

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



517769



8C9C96



607751



464F4C



CFCFCF



4F4F4F



# Same Dimension

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



517769



609C86



517377



353B38



007A4D



00FA9E



# Inverse Universe

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



77515F



9C6076



775551



3B3537



7A002D



FA005C



# Previews

## White Background



This preview shows how the Hex color 517769 looks on a white background.

## Color Contrast Check

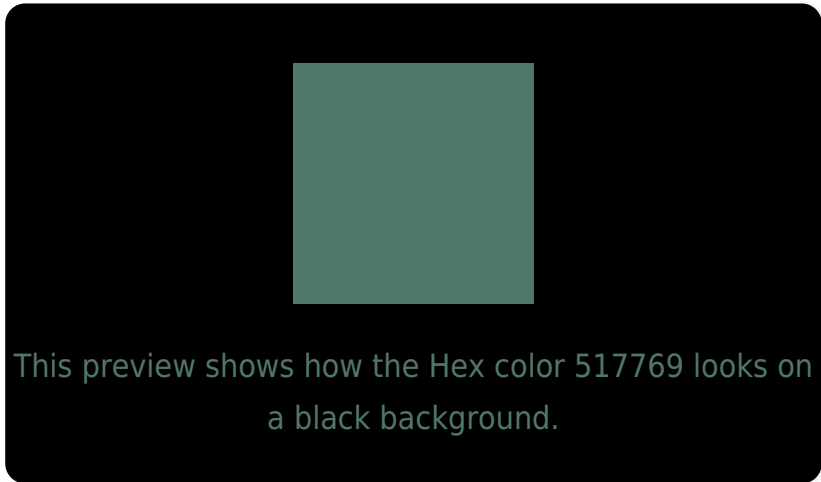
Large Text (above 18pt) WCAG AA ✓ Pass

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

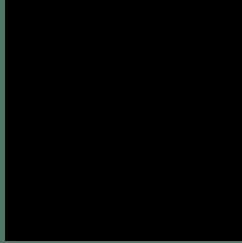
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 517769 Background



This preview shows how black text looks on a background with the Hex color 517769.

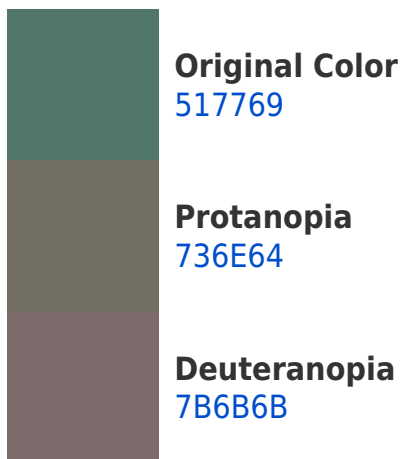


This preview shows how white text looks on a background with the Hex color 517769.

# 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**  
55747D

# Trichromacy



**Original Color**  
517769

**Protanomaly**  
677166

**Deuteranomaly**  
6C6F6A

**Tritanomaly**  
547576

# Monochromacy



**Original Color**  
517769

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
616F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517769 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 #517769 looks like.

```
.text, #text, p{  
    color:#517769  
}
```

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 #517769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517769
}
```

## Border

The CSS property to change the border of an element to Hex 517769 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
#517769 }
```

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

```
.border{ border-color:#517769 }
```

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

Here you see how a box with a 4 pixel #517769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517769; -webkit-box-shadow:4px 4px  
4px 4px #517769; box-shadow:4px 4px 4px  
4px #517769 }
```

# Background

The CSS property to change the background color of an element to Hex 517769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517769 }
```

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

```
.background{ background-color:#517769 }
```

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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