

# Converting Colors

Hex(517570)

Have a look what the booklet for  
Hex(517570) contains.

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# Color

**Hex(517570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	517570
RGB	81, 117, 112
RGB Percent	32%, 46%, 44%
CMY	0.6824, 0.5412, 0.5608
CMYK	0.31, 0.00, 0.04, 0.54
HSL	172°, 18%, 39%
HSV	172°, 31%, 46%
XYZ	12.6793, 15.6418, 17.6801
YIQ	105.6660, -19.8510, -9.1870

# Conversions

## Conversions Part 2

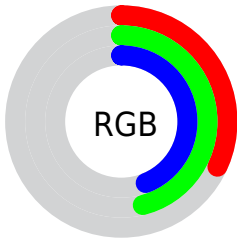
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 100, 117
Decimal	5338480
CIELab	46.50, -13.92, -1.35
CIELCh	47, 13.987, 185.545
Yxy	15.6418, 0.2756, 0.3400
Android (android.graphics.Color)	4283528560 (0xFF517570)
YUV	105.6660, 3.1227, -21.6321
Hunter-Lab	39.5497, -11.9865, 1.1800

# Details

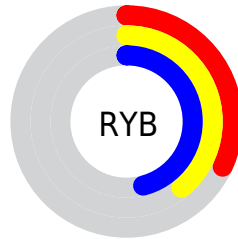
The Hex color **517570** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755156**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84A9A4**, and **224540** is the 20% darker color. If you saturate the color by 10%, you get **45756E**, and if you desaturate by 10%, it is **5D7572**.

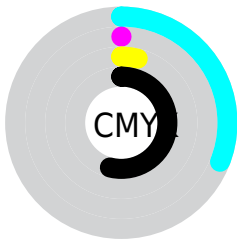
# Distribution



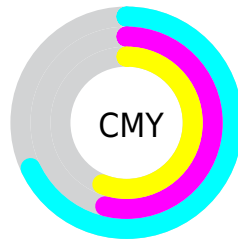
- Red (32%)
- Green (46%)
- Blue (44%)



- Red (32%)
- Yellow (39%)
- Blue (46%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (54%)



- Cyan (68%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517570 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 517570 by changing the saturation by 10% instead.



■ 517570

■ 517570

FFFFFF

■ 395C58

■ 84A9A4

■ 224540

■ 9EC4BF

■ 092E2A

■ B9E0DB

■ 001A16

■ D5FDF7

■ 000000

■ F2FFFF

■ 517570

■ 517570

■ 45756E

■ 5D7572

■ 3A756D

■ 687573

■ 2E756B

■ 747575

■ 227569

■ 807576

■ 167568

■ 8B7578

■ 0B7566

■ 97757A

■ 007565

■ A3757B

■ AF757D

■ BA757F

# Harmonies

## Analogous

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



5B7464



517570



4F747B

# Triad

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



517570



736A81



806A59

# Complementary

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



517570



755156

# 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.



866761



517570



7F6778

# Square

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



517570



646E85



86666C



756E57

# Rectangle

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



517570



527381



86666C



82695B



# Sweetspot

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



517570



8B9997



567551



444D4B



CCCCCC



4D4D4D



# Same Dimension

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



517570



609991



516875



353B3A



007A69



00FAD7



# Inverse Universe

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



755156



996068



755E51



3B3536



7A0011



FA0023



# Previews

## White Background



This preview shows how the Hex color 517570 looks on a white background.

## Color Contrast Check

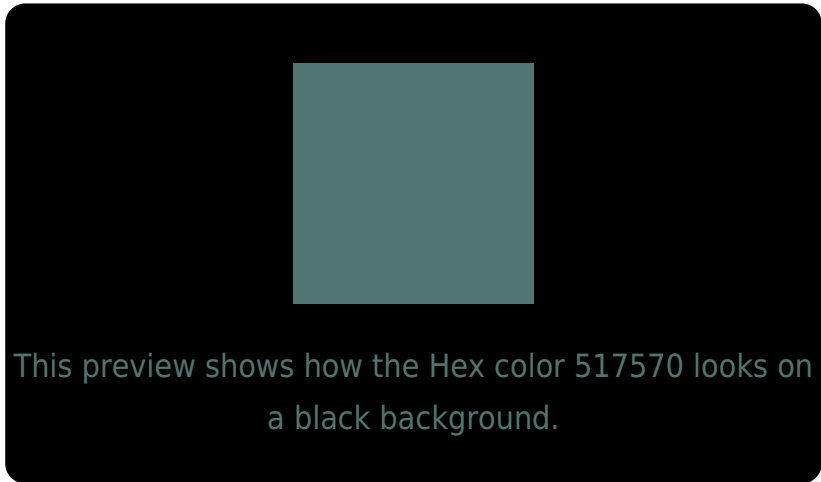
Large Text (above 18pt) WCAG AA ✓ Pass

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

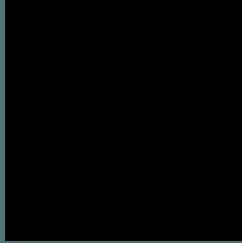
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 517570 Background



This preview shows how black text looks on a background with the Hex color 517570.

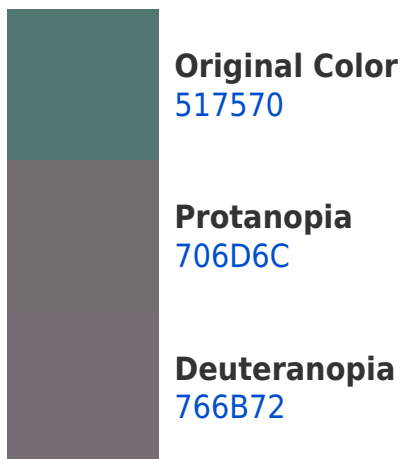


This preview shows how white text looks on a background with the Hex color 517570.

# 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**  
54737C

# Trichromacy



**Original Color**  
517570

**Protanomaly**  
65706D

**Deuteranomaly**  
696F71

**Tritanomaly**  
537478

# Monochromacy



**Original Color**  
517570

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
616E6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517570 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 #517570 looks like.

```
.text, #text, p{  
    color:#517570  
}
```

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 #517570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517570
}
```

## Border

The CSS property to change the border of an element to Hex 517570 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
#517570 }
```

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

```
.border{ border-color:#517570 }
```

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

Here you see how a box with a 4 pixel #517570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517570; -webkit-box-shadow:4px 4px  
4px 4px #517570; box-shadow:4px 4px 4px  
4px #517570 }
```

# Background

The CSS property to change the background color of an element to Hex 517570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517570 }
```

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

```
.background{ background-color:#517570 }
```

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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