

# Converting Colors

Hex(517068)

Have a look what the booklet for  
Hex(517068) contains.

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# Color

**Hex(517068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	517068
RGB	81, 112, 104
RGB Percent	32%, 44%, 41%
CMY	0.6824, 0.5608, 0.5922
CMYK	0.28, 0.00, 0.07, 0.56
HSL	165°, 16%, 38%
HSV	165°, 28%, 44%
XYZ	11.6862, 14.3371, 15.2481
YIQ	101.8190, -15.9080, -9.0600

# Conversions

## Conversions Part 2

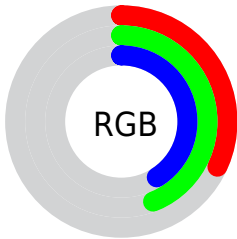
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 99, 112
Decimal	5337192
CIELab	44.71, -13.07, 0.82
CIElCh	45, 13.091, 176.423
Yxy	14.3371, 0.2832, 0.3474
Android (android.graphics.Color)	4283527272 (0xFF517068)
YUV	101.8190, 1.0752, -18.2583
Hunter-Lab	37.8644, -11.1718, 2.6288

# Details

The Hex color **517068** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **705159**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **83A49B**, and **234039** is the 20% darker color. If you saturate the color by 10%, you get **467065**, and if you desaturate by 10%, it is **5C706B**.

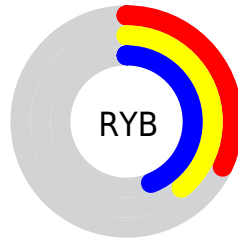
# Distribution



Red (32%)

Green (44%)

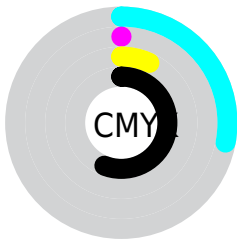
Blue (41%)



Red (32%)

Yellow (39%)

Blue (44%)

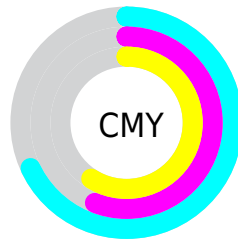


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (56%)



Cyan (68%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517068 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 517068 by changing the saturation by 10% instead.



■ 517068

■ 517068

FFFFFF

■ 395850

■ 83A49B

■ 234039

■ 9DBFB6

■ 0C2A24

■ B9DBD1

■ 00160E

■ D4F7EE

■ 000000

■ F1FFFF

■ 517068

■ 517068

■ 467065

■ 5C706B

■ 3B7062

■ 67706E

■ 2F705F

■ 737071

■ 24705C

■ 7E7074

■ 19705A

■ 897076

■ 0E7057

■ 947079

■ 037054

■ 9F707C

■ 007053

■ AB707F

■ B67082

# Harmonies

## Analogous

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



5B6F5D



517068



4C7073

# Triad

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



517068



6A677D



7C6558

# Complementary

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



517068



705159

# 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.



816361



517068



776476

# Square

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



517068



5C6B7F



7F626B



746954

# Rectangle

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



517068



4E6F79



7F626B



7E645A



# Sweetspot

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



517068



86918E



597051



434A48



C9C9C9



4A4A4A



# Same Dimension

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



517068



619185



516970



323837



007859



00F7B8



# Inverse Universe

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



705159



91616E



705851



383234



78001F



F70040



# Previews

## White Background



This preview shows how the Hex color 517068 looks on a white background.

## Color Contrast Check

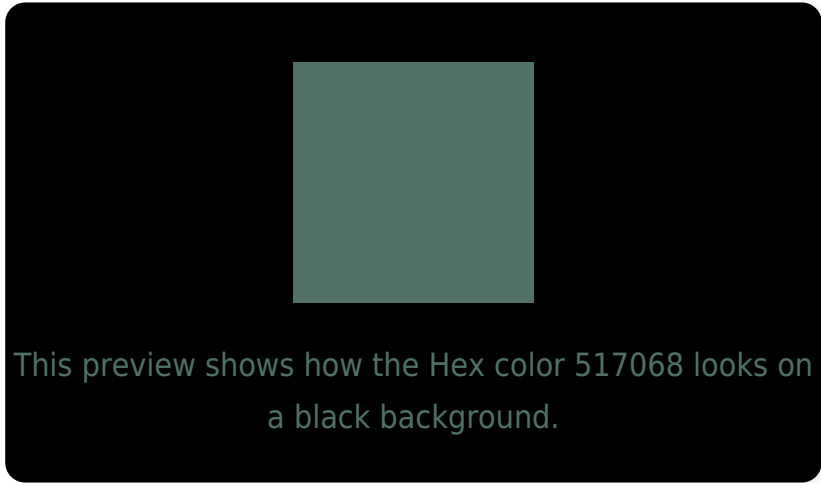
Large Text (above 18pt) WCAG AA ✓ Pass

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

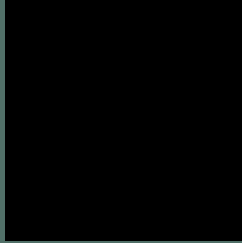
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 517068 Background



This preview shows how black text looks on a background with the Hex color 517068.



This preview shows how white text looks on a background with the Hex color 517068.

# 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**  
517068

**Protanopia**  
6D6964

**Deuteranopia**  
73666A



**Tritanopia**  
546E77

# Trichromacy



**Original Color**

517068

**Protanomaly**

636C65

**Deuteranomaly**

676A69

**Tritanomaly**

536F72

# Monochromacy



**Original Color**

517068

**Achromatopsia**

666666

**Achromatomaly**

5E6A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517068 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 #517068 looks like.

```
.text, #text, p{  
    color:#517068  
}
```

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 #517068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517068
}
```

## Border

The CSS property to change the border of an element to Hex 517068 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
#517068 }
```

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

```
.border{ border-color:#517068 }
```

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

Here you see how a box with a 4 pixel #517068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517068; -webkit-box-shadow:4px 4px  
4px 4px #517068; box-shadow:4px 4px 4px  
4px #517068 }
```

# Background

The CSS property to change the background color of an element to Hex 517068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517068 }
```

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

```
.background{ background-color:#517068 }
```

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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