

# Converting Colors

Hex(517169)

Have a look what the booklet for  
Hex(517169) contains.

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# Color

**Hex(517169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	517169
RGB	81, 113, 105
RGB Percent	32%, 44%, 41%
CMY	0.6824, 0.5569, 0.5882
CMYK	0.28, 0.00, 0.07, 0.56
HSL	165°, 16%, 38%
HSV	165°, 28%, 44%
XYZ	11.8483, 14.5795, 15.5543
YIQ	102.5200, -16.5040, -9.2720

# Conversions

## Conversions Part 2

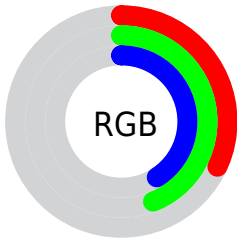
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 99, 113
Decimal	5337449
CIELab	45.05, -13.39, 0.71
CIElCh	45, 13.407, 176.952
Yxy	14.5795, 0.2822, 0.3473
Android (android.graphics.Color)	4283527529 (0xFF517169)
YUV	102.5200, 1.2226, -18.8730
Hunter-Lab	38.1831, -11.4317, 2.5758

# Details

The Hex color **517169** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **715159**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **83A59C**, and **22413A** is the 20% darker color. If you saturate the color by 10%, you get **467166**, and if you desaturate by 10%, it is **5C716C**.

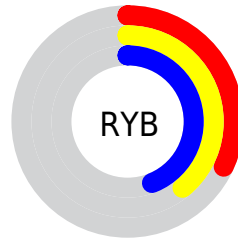
# Distribution



Red (32%)

Green (44%)

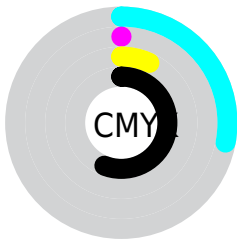
Blue (41%)



Red (32%)

Yellow (39%)

Blue (44%)

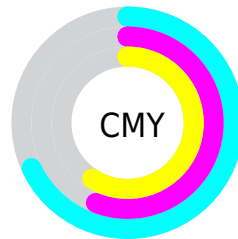


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (56%)



Cyan (68%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517169 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 517169 by changing the saturation by 10% instead.



■ 517169

■ 517169

FFFFFF

■ 395851

■ 83A59C

■ 22413A

■ 9EC0B7

■ 0C2B24

■ B9DCD3

■ 00170F

■ D5F8EF

■ 000000

■ F1FFFF

■ 517169

■ 517169

■ 467166

■ 5C716C

■ 3A7163

■ 68716F

■ 2F7161

■ 737171

■ 24715E

■ 7E7174

■ 18715B

■ 8A7177

■ 0D7158

■ 95717A

■ 027155

■ A0717D

■ 007155

■ AB7180

■ B77182

# Harmonies

## Analogous

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



5C705E



517169



4C7174

# Triad

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



517169



6B687E



7E6658

# Complementary

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



517169



715159

# 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.



826361



517169



786577

# Square

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



517169



5C6C81



80636C



746954

# Rectangle

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



517169



4E707B



80636C



80655B



# Sweetspot

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



517169



889491



597151



434A48



C9C9C9



4A4A4A



# Same Dimension

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



517169



629487



516971



323837



00785A



00F7BA



# Inverse Universe

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



715159



94626E



715951



383234



78001E



F7003E



# Previews

## White Background



This preview shows how the Hex color 517169 looks on a white background.

## Color Contrast Check

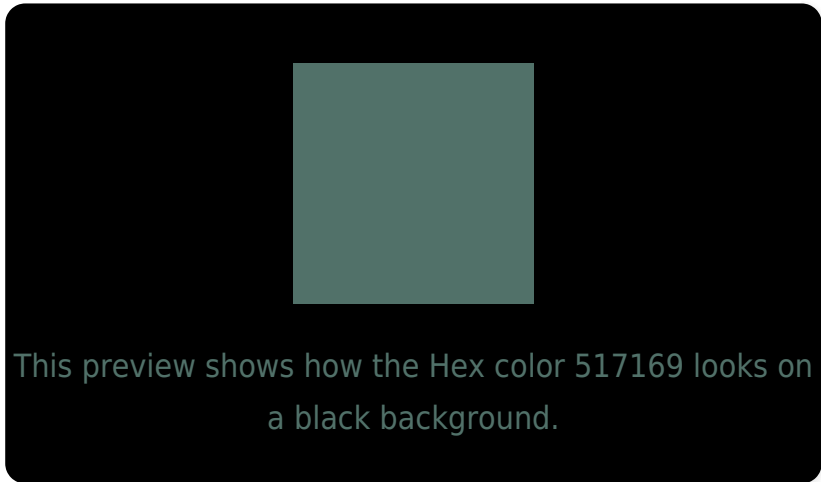
Large Text (above 18pt) WCAG AA ✓ Pass

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

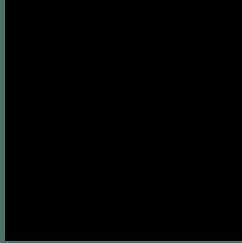
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

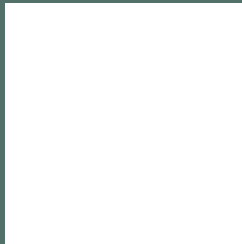
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 517169 Background



This preview shows how black text looks on a background with the Hex color 517169.



This preview shows how white text looks on a background with the Hex color 517169.

# 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**  
517169

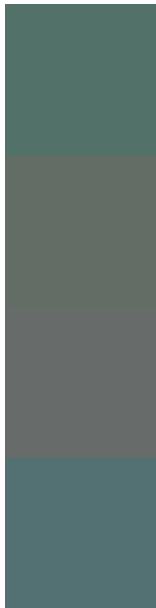
**Protanopia**  
6D6A65

**Deuteranopia**  
74676B



**Tritanopia**  
546F78

# Trichromacy



**Original Color**  
517169

**Protanomaly**  
636D66

**Deuteranomaly**  
676B6A

**Tritanomaly**  
537073

# Monochromacy



**Original Color**  
517169

**Achromatopsia**  
676767

**Achromatomaly**  
5F6B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517169 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 #517169 looks like.

```
.text, #text, p{  
    color:#517169  
}
```

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 #517169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517169
}
```

## Border

The CSS property to change the border of an element to Hex 517169 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
#517169 }
```

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

```
.border{ border-color:#517169 }
```

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

Here you see how a box with a 4 pixel #517169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517169; -webkit-box-shadow:4px 4px  
4px 4px #517169; box-shadow:4px 4px 4px  
4px #517169 }
```

# Background

The CSS property to change the background color of an element to Hex 517169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517169 }
```

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

```
.background{ background-color:#517169 }
```

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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