

Converting Colors

Hex(517F68)

Have a look what the booklet for
Hex(517F68) contains.

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Color

Hex(517F68)

Conversions

Conversions Part 1

Format	Color
Hex	517F68
RGB	81, 127, 104
RGB Percent	32%, 50%, 41%
CMY	0.6824, 0.5020, 0.5922
CMYK	0.36, 0.00, 0.18, 0.50
HSL	150°, 22%, 41%
HSV	150°, 36%, 50%
XYZ	13.4814, 17.9276, 15.8465
YIQ	110.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

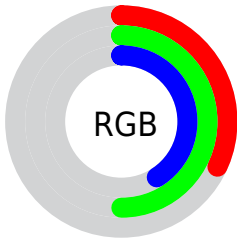
Format	Color
RYB	81, 112, 127
Decimal	5341032
CIELab	49.41, -21.17, 7.57
CIElCh	49, 22.488, 160.325
Yxy	17.9276, 0.2853, 0.3794
Android (android.graphics.Color)	4283531112 (0xFF517F68)
YUV	110.6240, -3.2656, -25.9802
Hunter-Lab	42.3409, -17.2620, 7.4488

Details

The Hex color **517F68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F5168**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **84B49B**, and **214E39** is the 20% darker color. If you saturate the color by 10%, you get **447F62**, and if you desaturate by 10%, it is **5E7F6E**.

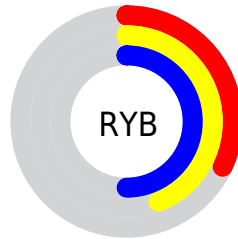
Distribution



Red (32%)

Green (50%)

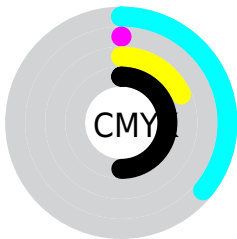
Blue (41%)



Red (32%)

Yellow (44%)

Blue (50%)

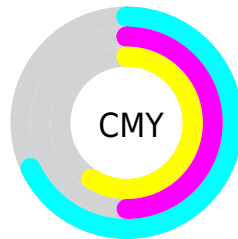


Cyan (36%)

Magenta (0%)

Yellow (18%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517F68 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 517F68 by changing the saturation by 10% instead.



517F68



517F68

FFFFFF



396650



84B49B



214E39



9FD0B6



063623



BAECD2



00210E



D6FFEE



000000



F3FFFF



517F68



517F68



447F62



5E7F6E



387F5B



6A7F75

■ 2B7F55

■ 777F7B

■ 1E7F4F

■ 847F81

■ 117F48

■ 917F88

■ 057F42

■ 9D7F8E

■ 007F40

■ AA7F94

■ B77F9B

■ C37FA1

Harmonies

Analogous

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



677C58



517F68



3E807C

Triad

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



517F68



66759B



996A5E

Complementary

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



517F68



7F5168

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.



9B676F



517F68



816E93

Square

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



517F68



4B7B99



936983



8E7052

Rectangle

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



517F68



397F88



936983



9B6963

Sweetspot

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



517F68



94A69D



687F51



49544F



D4D4D4



545454

Same Dimension

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



517F68



5EA682



517F7F



39403D



008040



000000

Inverse Universe

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



7F5168



A65E82



7F5151



40393D



800040



000000

Previews

White Background



This preview shows how the Hex color 517F68 looks on a white background.

Color Contrast Check

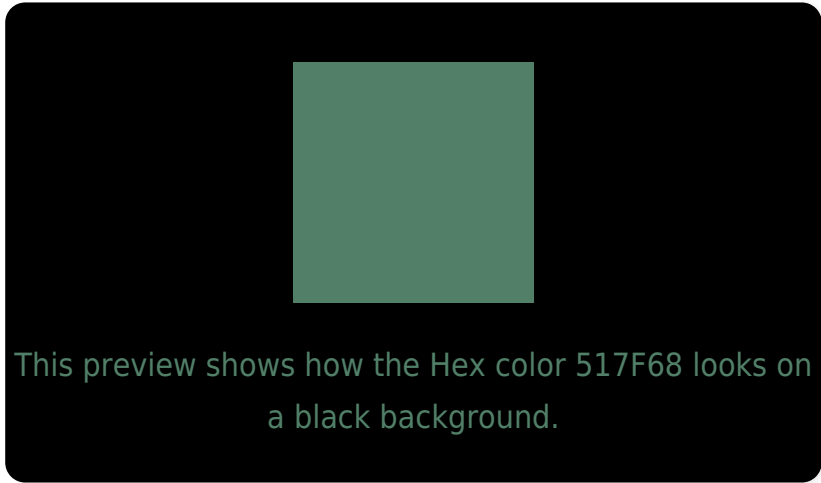
Large Text (above 18pt) WCAG AA ✓ Pass

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

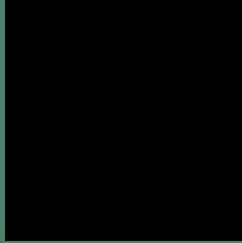
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 517F68 Background



This preview shows how black text looks on a background with the Hex color 517F68.



This preview shows how white text looks on a background with the Hex color 517F68.

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
517F68

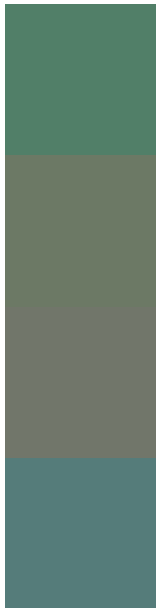
Protanopia
7B7563

Deuteranopia
84716B



Tritanopia
577B85

Trichromacy



Original Color
517F68

Protanomaly
6C7965

Deuteranomaly
71766A

Tritanomaly
557C7A

Monochromacy



Original Color
517F68

Achromatopsia
6F6F6F

Achromatomaly
64756C

CSS Examples

Text

The CSS property to change the color of the text to Hex 517F68 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 #517F68 looks like.

```
.text, #text, p{  
    color:#517F68  
}
```

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 #517F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517F68
}
```

Border

The CSS property to change the border of an element to Hex 517F68 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
#517F68 }
```

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

```
.border{ border-color:#517F68 }
```

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

Here you see how a box with a 4 pixel #517F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517F68; -webkit-box-shadow:4px 4px  
4px 4px #517F68; box-shadow:4px 4px 4px  
4px #517F68 }
```

Background

The CSS property to change the background color of an element to Hex 517F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517F68 }
```

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

```
.background{ background-color:#517F68 }
```

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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