

Converting Colors

Hex(517688)

Have a look what the booklet for
Hex(517688) contains.

Hex(517688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(517688)

Conversions

Conversions Part 1

Format	Color
Hex	517688
RGB	81, 118, 136
RGB Percent	32%, 46%, 53%
CMY	0.6824, 0.5373, 0.4667
CMYK	0.40, 0.13, 0.00, 0.47
HSL	200°, 25%, 43%
HSV	200°, 40%, 53%
XYZ	14.3157, 16.4838, 25.7197
YIQ	108.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

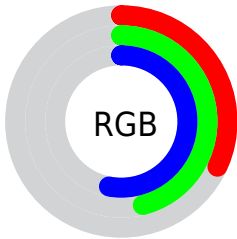
Format	Color
RYB	81, 103, 136
Decimal	5338760
CIELab	47.60, -8.12, -13.97
CIELCh	48, 16.161, 239.831
Yxy	16.4838, 0.2533, 0.2916
Android (android.graphics.Color)	4283528840 (0xFF517688)
YUV	108.9890, 13.3164, -24.5464
Hunter-Lab	40.6002, -8.1110, -9.1393

Details

The Hex color **517688** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **886351**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **85AABD**, and **1F4656** is the 20% darker color. If you saturate the color by 10%, you get **437288**, and if you desaturate by 10%, it is **5F7A88**.

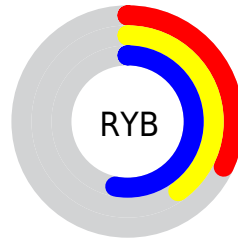
Distribution



Red (32%)

Green (46%)

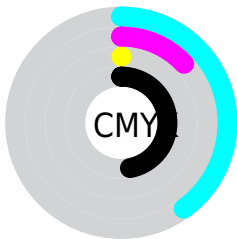
Blue (53%)



Red (32%)

Yellow (40%)

Blue (53%)

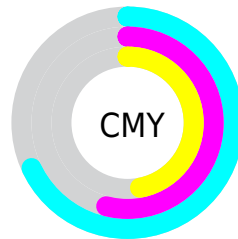


Cyan (40%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (68%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517688 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 517688 by changing the saturation by 10% instead.

■ 517688

■ 517688

FFFFFF

■ 385D6F

■ 85AABD

■ 1F4656

■ 9FC5D9

■ 012F3F

■ BBE1F6

■ 001B29

■ D7FEFF

■ 000115

■ F4FFFF

■ 000000

■ 517688

■ 517688

■ 437288

■ 5F7A88

■ 366D88

■ 6C7F88

■ 286988

■ 7A8388

■ 1B6488

■ 878888

■ 0D6088

■ 958C88

■ 005B88

■ A39188

■ B09588

■ BE9A88

■ CB9E88

Harmonies

Analogous

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



4B787E



517688



61728C

Triad

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



517688



8B6771



6D7459

Complementary

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



517688



886351

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.



7B7056



517688



8D6864

Square

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



517688



83697F



876B5A



5D7763

Rectangle

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



517688



6D6F8A



876B5A



727357

Sweetspot

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



517688



9BA9B0



518862



4D5559



D9D9D9



595959

Same Dimension

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



517688



5A94B0



515B88



3E4345



005985



000305

Inverse Universe

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



885176



B05A94



887E51



453E43



850059



050003

Previews

White Background



This preview shows how the Hex color 517688 looks on a white background.

Color Contrast Check

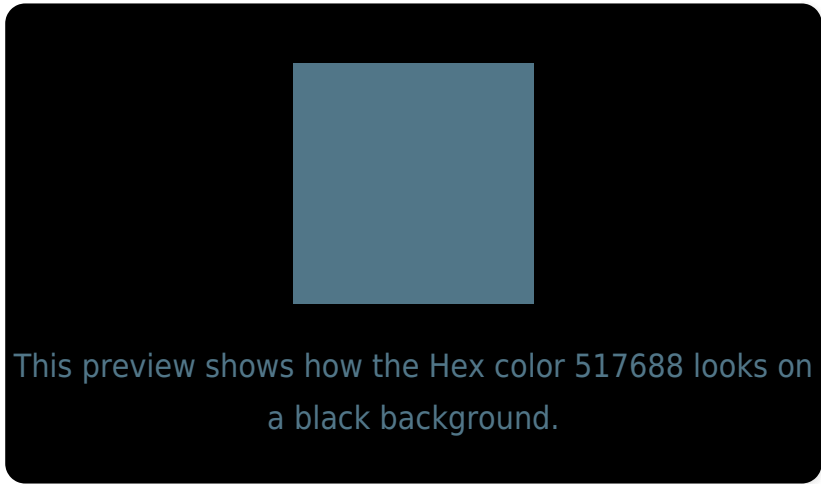
Large Text (above 18pt) WCAG AA ✓ Pass

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

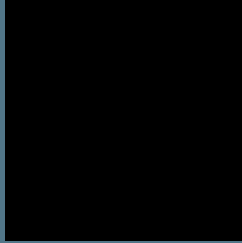
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

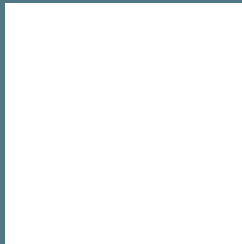
Any Text WCAG AAA × Fail

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

Hex 517688 Background



This preview shows how black text looks on a background with the Hex color 517688.

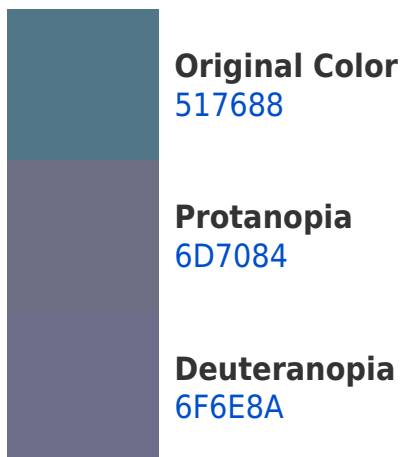


This preview shows how white text looks on a background with the Hex color 517688.

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](#).

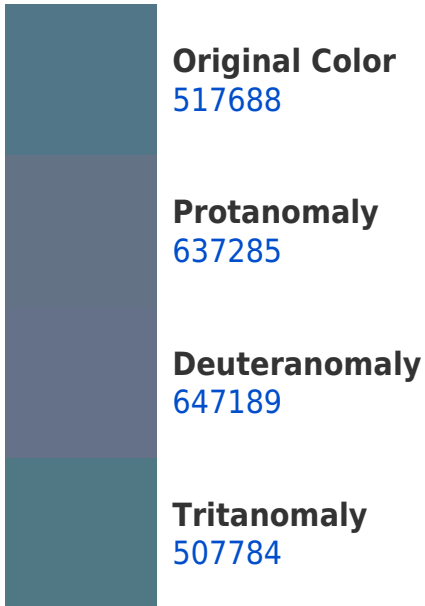
Dichromacy





Tritanopia
4F7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 517688 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 #517688 looks like.

```
.text, #text, p{  
    color:#517688  
}
```

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 #517688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517688  
}
```

Border

The CSS property to change the border of an element to Hex 517688 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  
#517688 }
```

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

```
.border{ border-color:#517688 }
```

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

Here you see how a box with a 4 pixel #517688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517688; -webkit-box-shadow:4px 4px  
4px 4px #517688; box-shadow:4px 4px 4px  
4px #517688 }
```

Background

The CSS property to change the background color of an element to Hex 517688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517688 }
```

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

```
.background{ background-color:#517688 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor