

Converting Colors

Hex(517180)

Have a look what the booklet for
Hex(517180) contains.

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Color

Hex(517180)

Conversions

Conversions Part 1

Format	Color
Hex	517180
RGB	81, 113, 128
RGB Percent	32%, 44%, 50%
CMY	0.6824, 0.5569, 0.4980
CMYK	0.37, 0.12, 0.00, 0.50
HSL	199°, 22%, 41%
HSV	199°, 37%, 50%
XYZ	13.1947, 15.1181, 22.6447
YIQ	105.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

Format	Color
RYB	81, 100, 128
Decimal	5337472
CIELab	45.80, -7.46, -11.95
CIElCh	46, 14.090, 238.010
Yxy	15.1181, 0.2589, 0.2967
Android (android.graphics.Color)	4283527552 (0xFF517180)
YUV	105.1420, 11.2690, -21.1725
Hunter-Lab	38.8820, -7.4689, -7.3129

Details

The Hex color **517180** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **806051**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **84A5B5**, and **20414F** is the 20% darker color. If you saturate the color by 10%, you get **446D80**, and if you desaturate by 10%, it is **5E7580**.

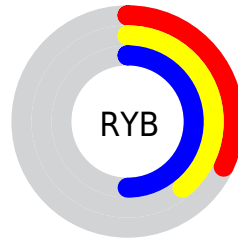
Distribution



Red (32%)

Green (44%)

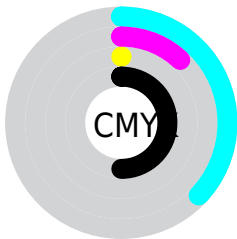
Blue (50%)



Red (32%)

Yellow (39%)

Blue (50%)

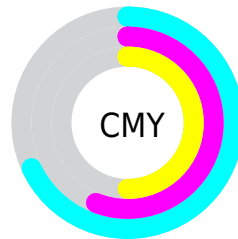


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517180 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 517180 by changing the saturation by 10% instead.

■ 517180

■ 517180

FFFFFF

■ 395967

■ 84A5B5

■ 20414F

■ 9FC0D0

■ 062B38

■ BADCED

■ 001723

■ D6F8FF

■ 00000B

■ F3FFFF

■ 000000

■ 517180

■ 517180

■ 446D80

■ 5E7580

■ 376980

■ 6B7980

■ 2B6580

■ 777D80

■ 1E6180

■ 848180

■ 115D80

■ 918580

■ 045880

■ 9E8A80

■ 005780

■ AB8E80

■ B79280

■ C49680

Harmonies

Analogous

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



4C7377



517180



5E6E84

Triad

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



517180



83646E



6A6F58

Complementary

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



517180



806051

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.



766B55



517180



856562

Square

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



517180



7B6679



806859



5C7260

Rectangle

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



517180



686B83



806859



6E6E56

Sweetspot

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



517180



94A0A6



518060



495154



D4D4D4



545454

Same Dimension

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



517180



5D8EA6



515A80



393E40



005780



000000

Inverse Universe

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



805171



A65D8E



807751



40393E



800057



000000

Previews

White Background



This preview shows how the Hex color 517180 looks on a white background.

Color Contrast Check

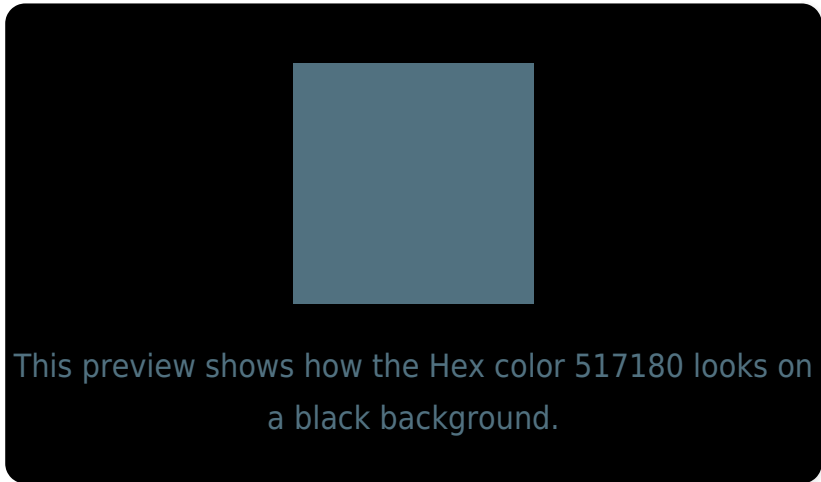
Large Text (above 18pt) WCAG AA ✓ Pass

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

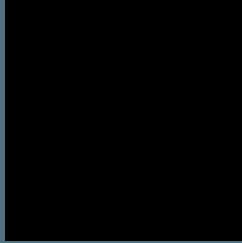
Any Text WCAG AA × Fail

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 517180 Background



This preview shows how black text looks on a background with the Hex color 517180.



This preview shows how white text looks on a background with the Hex color 517180.

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
517180

Protanopia
696B7C

Deuteranopia
6C6A82



Tritanopia
50727B

Trichromacy



Original Color
517180

Protanomaly
606D7D

Deuteranomaly
626D81

Tritanomaly
50727D

Monochromacy



Original Color
517180

Achromatopsia
696969

Achromatomaly
606C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 517180 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 #517180 looks like.

```
.text, #text, p{  
    color:#517180  
}
```

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 #517180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517180
}
```

Border

The CSS property to change the border of an element to Hex 517180 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
#517180 }
```

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

```
.border{ border-color:#517180 }
```

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

Here you see how a box with a 4 pixel #517180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517180; -webkit-box-shadow:4px 4px  
4px 4px #517180; box-shadow:4px 4px 4px  
4px #517180 }
```

Background

The CSS property to change the background color of an element to Hex 517180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517180 }
```

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

```
.background{ background-color:#517180 }
```

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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