

Converting Colors

Hex(51758C)

Have a look what the booklet for
Hex(51758C) contains.

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Color

Hex(51758C)

Conversions

Conversions Part 1

Format	Color
Hex	51758C
RGB	81, 117, 140
RGB Percent	32%, 46%, 55%
CMY	0.6824, 0.5412, 0.4510
CMYK	0.42, 0.16, 0.00, 0.45
HSL	203°, 27%, 43%
HSV	203°, 42%, 55%
XYZ	14.4883, 16.3654, 27.2062
YIQ	108.8580, -28.8390, -0.4790

Conversions

Conversions Part 2

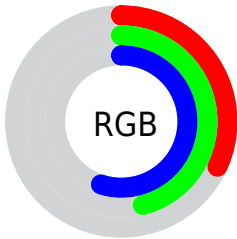
Format	Color
R_{YB}	81, 103, 140
Decimal	5338508
CIE _{Lab}	47.45, -6.40, -16.57
CIE _{LCh}	47, 17.765, 248.887
Yxy	16.3654, 0.2495, 0.2819
Android (android.graphics.Color)	4283528588 (0xFF51758C)
YUV	108.8580, 15.3530, -24.4315
Hunter-Lab	40.4541, -6.8667, -11.5558

Details

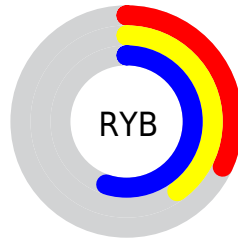
The Hex color **51758C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C6851**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **85A9C2**, and **1E455A** is the 20% darker color. If you saturate the color by 10%, you get **43708C**, and if you desaturate by 10%, it is **5F7A8C**.

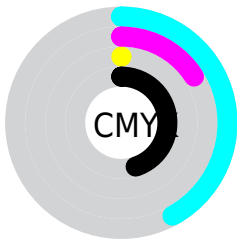
Distribution



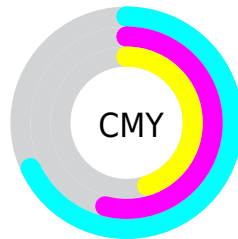
- Red (32%)
- Green (46%)
- Blue (55%)



- Red (32%)
- Yellow (40%)
- Blue (55%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (68%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51758C 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 51758C by changing the saturation by 10% instead.

■ 51758C

■ 51758C

FFFFFF

■ 385C72

■ 85A9C2

■ 1E455A

■ A0C4DE

■ 002F42

■ BBE0FA

■ 001A2C

■ D8FDFF

■ 000118

■ F4FFFF

■ 000000

■ 51758C

■ 51758C

■ 43708C

■ 5F7A8C

■ 356A8C

■ 6D808C

■ 27658C

■ 7B858C

■ 195F8C

■ 898B8C

■ 0B5A8C

■ 97908C

■ 00558C

■ A5968C

■ B39B8C

■ C1A18C

■ CFA68C

Harmonies

Analogous

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



467883



51758C



65708E

Triad

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



51758C



8F666D



667559

Complementary

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



51758C



8C6851

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.



777153



51758C



8E685E

Square

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



51758C



88677C



856C55



567865

Rectangle

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



51758C



726D8B



856C55



6C7456

Sweetspot

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



51758C



9EACB5



518C68



4D565C



DBDBDB



5C5C5C

Same Dimension

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



51758C



5991B5



51588C



3E4245



005185



000305

Inverse Universe

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



8C5175



B55991



8C8551



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 51758C looks on a white background.

Color Contrast Check

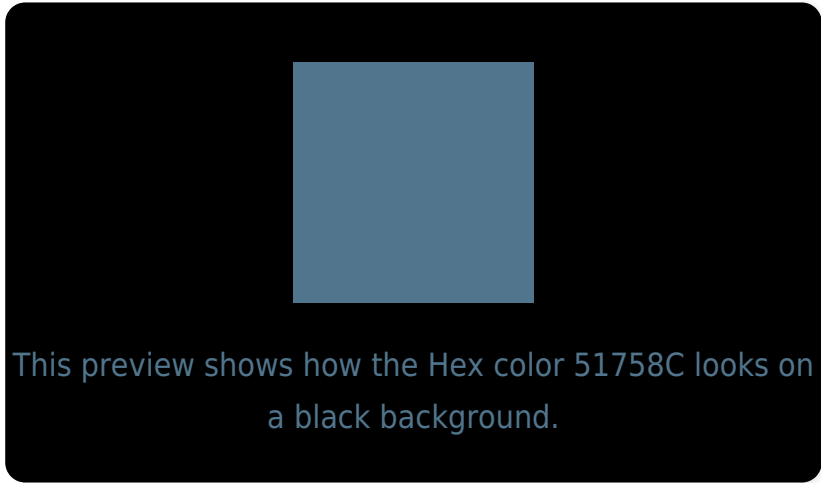
Large Text (above 18pt) WCAG AA ✓ Pass

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

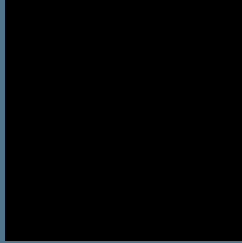
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

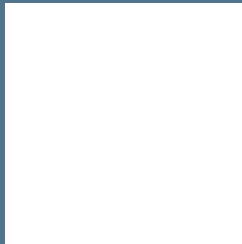
Any Text WCAG AAA × Fail

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

Hex 51758C Background



This preview shows how black text looks on a background with the Hex color 51758C.



This preview shows how white text looks on a background with the Hex color 51758C.

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](#).

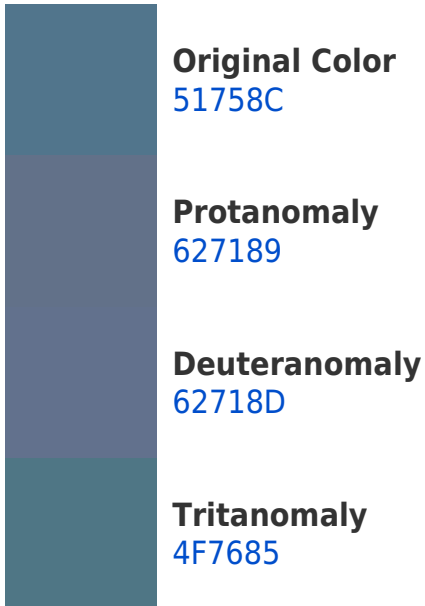
Dichromacy





Tritanopia
4E7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51758C 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 #51758C looks like.

```
.text, #text, p{  
    color:#51758C  
}
```

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 #51758C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51758C
}
```

Border

The CSS property to change the border of an element to Hex 51758C is called "border". The border property can be set on classes, ids or directly on the HTML element.

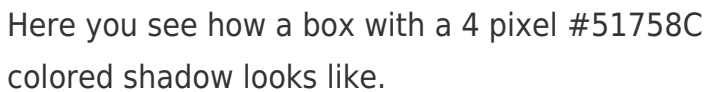
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51758C }
```

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

```
.border{ border-color:#51758C }
```

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



Here you see how a box with a 4 pixel #51758C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51758C; -webkit-box-shadow:4px 4px  
4px 4px #51758C; box-shadow:4px 4px 4px  
4px #51758C }
```

Background

The CSS property to change the background color of an element to Hex 51758C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51758C }
```

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

```
.background{ background-color:#51758C }
```

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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