

Converting Colors

Hex(53798C)

Have a look what the booklet for
Hex(53798C) contains.

Hex(53798C)	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(53798C)

Conversions

Conversions Part 1

Format	Color
Hex	53798C
RGB	83, 121, 140
RGB Percent	33%, 47%, 55%
CMY	0.6745, 0.5255, 0.4510
CMYK	0.41, 0.14, 0.00, 0.45
HSL	200°, 26%, 44%
HSV	200°, 41%, 55%
XYZ	15.1383, 17.4072, 27.3730
YIQ	111.8040, -28.7470, -2.1470

Conversions

Conversions Part 2

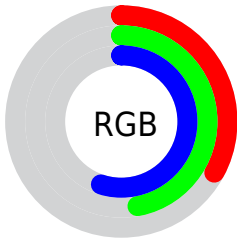
Format	Color
R _Y B	83, 106, 140
Decimal	5470604
CIE Lab	48.77, -8.15, -14.56
CIE LCh	49, 16.681, 240.761
Yxy	17.4072, 0.2526, 0.2905
Android (android.graphics.Color)	4283660684 (0xFF53798C)
YUV	111.8040, 13.9006, -25.2611
Hunter-Lab	41.7219, -8.2469, -9.6937

Details

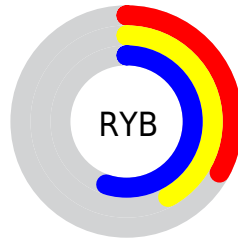
The Hex color **53798C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C6653**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **87ADC2**, and **20485A** is the 20% darker color. If you saturate the color by 10%, you get **45748C**, and if you desaturate by 10%, it is **617E8C**.

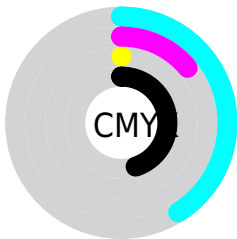
Distribution



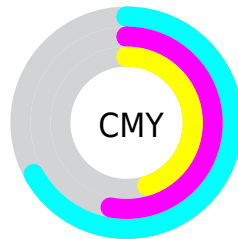
- Red (33%)
- Green (47%)
- Blue (55%)



- Red (33%)
- Yellow (42%)
- Blue (55%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53798C 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 53798C by changing the saturation by 10% instead.

■ 53798C

■ 53798C

FFFFFF

■ 3A6072

■ 87ADC2

■ 20485A

■ A2C9DD

■ 023242

■ BDE5FA

■ 001D2C

■ DAFFFF

■ 000118

■ F7FFFF

■ 000000

■ 53798C

■ 53798C

■ 45748C

■ 617E8C

■ 37708C

■ 6F828C

■ 296B8C

■ 7D878C

■ 1B668C

■ 8B8C8C

■ 0D628C

■ 99908C

■ 005D8C

■ A7958C

■ B59A8C

■ C39E8C

■ D1A38C

Harmonies

Analogous

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



4C7B82



53798C



647590

Triad

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



53798C



8F6A74



6F775B

Complementary

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



53798C



8C6653

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.



7E7358



53798C



916B66

Square

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



53798C



866C82



8A6E5C



5F7A66

Rectangle

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



53798C



70728E



8A6E5C



747659

Sweetspot

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



53798C



9FAEB5



538C66



4F585C



DBDBDB



5C5C5C

Same Dimension

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



53798C



5C97B5



535D8C



3E4345



005885



000305

Inverse Universe

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



8C5379



B55C97



8C8353



453E43



850058



050003

Previews

White Background



This preview shows how the Hex color 53798C looks on a white background.

Color Contrast Check

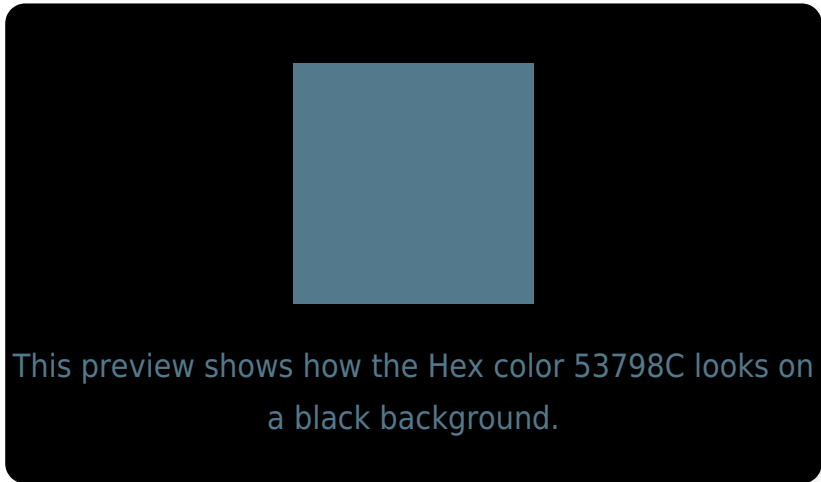
Large Text (above 18pt) WCAG AA ✓ Pass

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

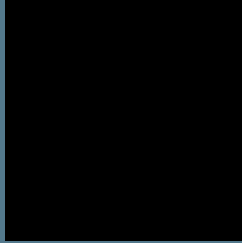
Any Text WCAG AA × Fail

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 53798C Background



This preview shows how black text looks on a background with the Hex color 53798C.

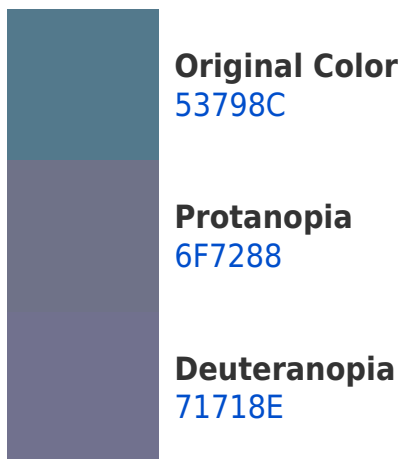


This preview shows how white text looks on a background with the Hex color 53798C.

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
517A84

Trichromacy



Original Color
53798C

Protanomaly
657589

Deuteranomaly
66748D

Tritanomaly
527A87

Monochromacy



Original Color
53798C

Achromatopsia
707070

Achromatomaly
65737A

CSS Examples

Text

The CSS property to change the color of the text to Hex 53798C 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 #53798C looks like.

```
.text, #text, p{  
    color:#53798C  
}
```

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 #53798C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53798C
}
```

Border

The CSS property to change the border of an element to Hex 53798C 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
#53798C }
```

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

```
.border{ border-color:#53798C }
```

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

Here you see how a box with a 4 pixel #53798C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53798C; -webkit-box-shadow:4px 4px  
4px 4px #53798C; box-shadow:4px 4px 4px  
4px #53798C }
```

Background

The CSS property to change the background color of an element to Hex 53798C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53798C }
```

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

```
.background{ background-color:#53798C }
```

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