

Converting Colors

Hex(5C7E83)

Have a look what the booklet for
Hex(5C7E83) contains.

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Color

Hex(5C7E83)

Conversions

Conversions Part 1

Format	Color
Hex	5C7E83
RGB	92, 126, 131
RGB Percent	36%, 49%, 51%
CMY	0.6392, 0.5059, 0.4863
CMYK	0.30, 0.04, 0.00, 0.49
HSL	188°, 17%, 44%
HSV	188°, 30%, 51%
XYZ	15.9712, 18.8357, 24.2666
YIQ	116.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

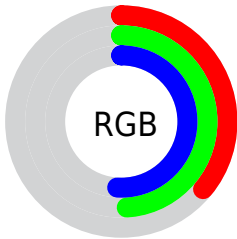
Format	Color
R_{YB}	92, 110, 131
Decimal	6061699
CIE _{Lab}	50.49, -10.70, -6.61
CIE _{LCh}	50, 12.581, 211.712
Yxy	18.8357, 0.2704, 0.3189
Android (android.graphics.Color)	4284251779 (0xFF5C7E83)
YUV	116.4040, 7.1958, -21.4023
Hunter-Lab	43.4001, -10.2623, -2.7711

Details

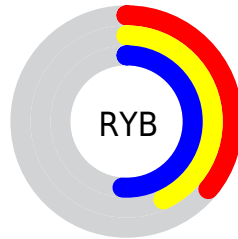
The Hex color **5C7E83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **83615C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FB3B8**, and **2C4D52** is the 20% darker color. If you saturate the color by 10%, you get **4F7C83**, and if you desaturate by 10%, it is **698083**.

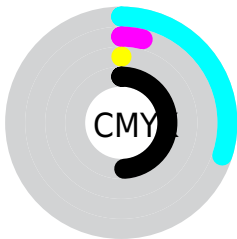
Distribution



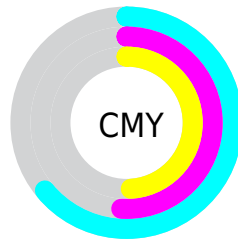
- Red (36%)
- Green (49%)
- Blue (51%)



- Red (36%)
- Yellow (43%)
- Blue (51%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7E83 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 5C7E83 by changing the saturation by 10% instead.



5C7E83



5C7E83

FFFFFF



44656A



8FB3B8



2C4D52



AACED4



14363B



C6EAF0



002125



E2FFFF



000411



000000



5C7E83



5C7E83



4F7C83



698083



427B83



768183

■ 357983

■ 838383

■ 287783

■ 908583

■ 1B7683

■ 9E8683

■ 0D7483

■ AB8883

■ 007283

■ B88A83

■ C58B83

■ D28D83

Harmonies

Analogous

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



5F7E78



5C7E83



617C8B

Triad

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



5C7E83



877283



807863

Complementary

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



5C7E83



83615C

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.



8A7466



5C7E83



8E7178

Square

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



5C7E83



7B758A



8E726D



747B66

Rectangle

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



5C7E83



697A8D



8E726D



847663

Sweetspot

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



5C7E83



9BA9AB



5C8361



4D5557



D6D6D6



575757

Same Dimension

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



5C7E83



6DA3AB



5C6B83



3C4142



007182



000203

Inverse Universe

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



835C7E



AB6DA3



83745C



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 5C7E83 looks on a white background.

Color Contrast Check

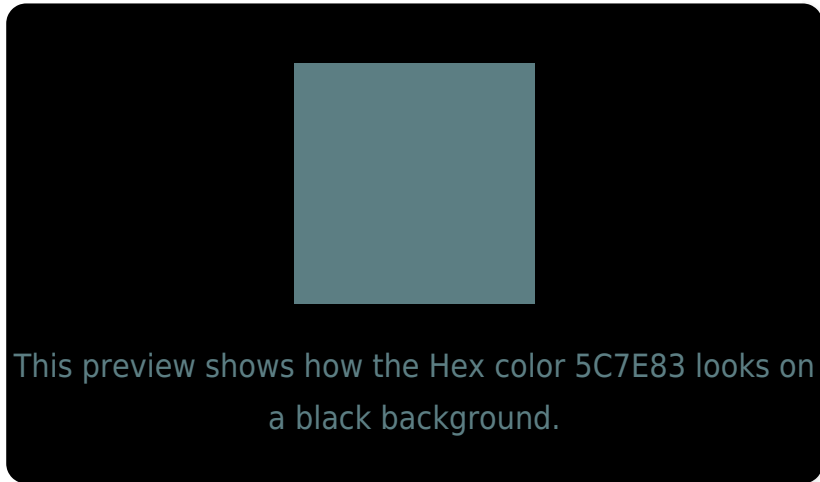
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

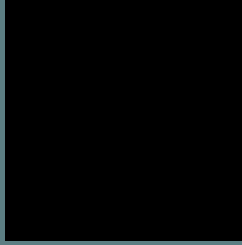
Any Text WCAG AA ✓ Pass

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 5C7E83 Background



This preview shows how black text looks on a background with the Hex color 5C7E83.

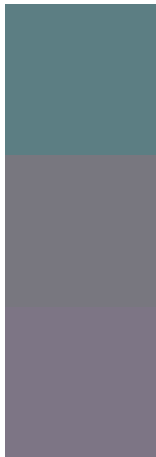


This preview shows how white text looks on a background with the Hex color 5C7E83.

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
5C7E83

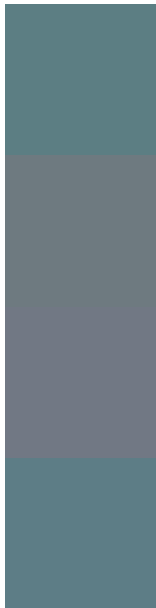
Protanopia
78777F

Deuteranopia
7D7585



Tritanopia
5D7D87

Trichromacy



Original Color
5C7E83

Protanomaly
6E7A80

Deuteranomaly
717884

Tritanomaly
5D7D86

Monochromacy



Original Color
5C7E83

Achromatopsia
747474

Achromatomaly
6B7879

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7E83 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 #5C7E83 looks like.

```
.text, #text, p{  
    color:#5C7E83  
}
```

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 #5C7E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7E83
}
```

Border

The CSS property to change the border of an element to Hex 5C7E83 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
#5C7E83 }
```

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

```
.border{ border-color:#5C7E83 }
```

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

Here you see how a box with a 4 pixel #5C7E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7E83; -webkit-box-shadow:4px 4px  
4px 4px #5C7E83; box-shadow:4px 4px 4px  
4px #5C7E83 }
```

Background

The CSS property to change the background color of an element to Hex 5C7E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7E83 }
```

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

```
.background{ background-color:#5C7E83 }
```

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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