

# Converting Colors

Hex(5C7A84)

Have a look what the booklet for  
Hex(5C7A84) contains.

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# Color

**Hex(5C7A84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C7A84
RGB	92, 122, 132
RGB Percent	36%, 48%, 52%
CMY	0.6392, 0.5216, 0.4824
CMYK	0.30, 0.08, 0.00, 0.48
HSL	195°, 18%, 44%
HSV	195°, 30%, 52%
XYZ	15.5380, 17.8603, 24.4582
YIQ	114.1700, -21.0900, -3.2500

# Conversions

## Conversions Part 2

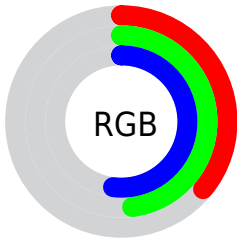
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 109, 132
Decimal	6060676
CIE <sub>Lab</sub>	49.33, -8.18, -8.95
CIE <sub>LCh</sub>	49, 12.125, 227.544
Yxy	17.8603, 0.2686, 0.3087
Android (android.graphics.Color)	4284250756 (0xFF5C7A84)
YUV	114.1700, 8.7902, -19.4431
Hunter-Lab	42.2615, -8.3295, -4.7302

# Details

The Hex color **5C7A84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84665C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8FAEB9**, and **2C4953** is the 20% darker color. If you saturate the color by 10%, you get **4F7784**, and if you desaturate by 10%, it is **697D84**.

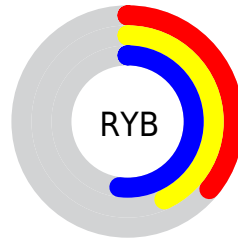
# Distribution



Red (36%)

Green (48%)

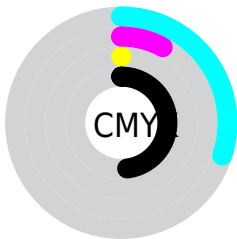
Blue (52%)



Red (36%)

Yellow (43%)

Blue (52%)

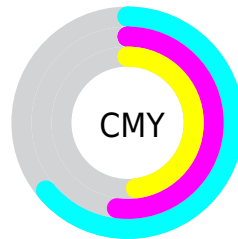


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (52%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7A84 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 5C7A84 by changing the saturation by 10% instead.



■ 5C7A84

■ 5C7A84

FFFFFF

■ 44616B

■ 8FAEB9

■ 2C4953

■ AACAD5

■ 14333C

■ C6E6F1

■ 001E26

■ E2FFFF

■ 000111

■ 000000

■ 5C7A84

■ 5C7A84

■ 4F7784

■ 697D84

■ 427384

■ 768184

■ 347084

■ 848484

■ 276D84

■ 918784

■ 1A6A84

■ 9E8B84

■ 0D6684

■ AB8E84

■ 006384

■ B89184

■ C69484

■ D39884

# Harmonies

## Analogous

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



5B7B7B



5C7A84



657789

# Triad

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



5C7A84



876F7A



777662

# Complementary

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



5C7A84



84665C

# 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.



827361



5C7A84



8B6E6F

# Square

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



5C7A84



7E7183



897066



6B7967

# Rectangle

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



5C7A84



6D7589



897066



7B7561



# Sweetspot

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



5C7A84



9BA7AB



5C8466



4D5457



D6D6D6



575757



# Same Dimension

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



5C7A84



6D9BAB



5C6684



3C4142



006282



000203



# Inverse Universe

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



845C7A



AB6D9B



847A5C



423C41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 5C7A84 looks on a white background.

## Color Contrast Check

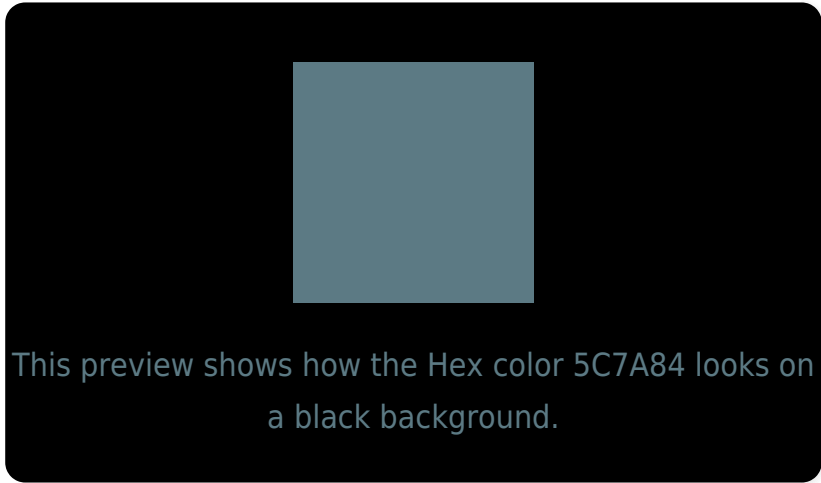
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

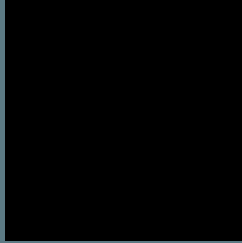
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

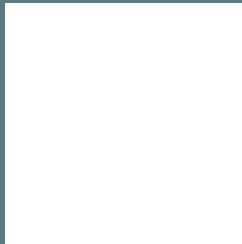
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C7A84 Background



This preview shows how black text looks on a background with the Hex color 5C7A84.

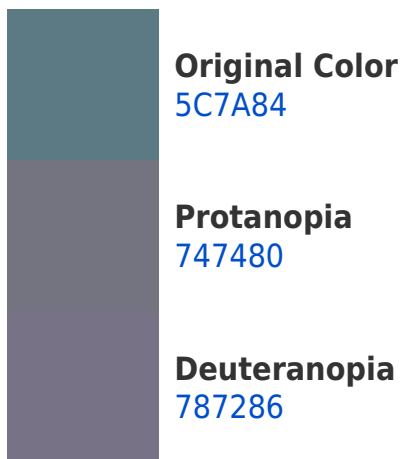



This preview shows how white text looks on a background with the Hex color 5C7A84.

# 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](#).

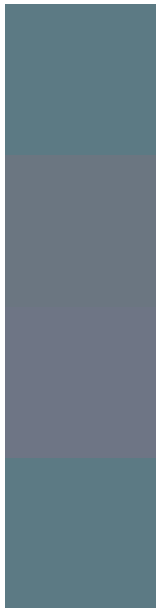
## Dichromacy





**Tritanopia**  
5C7A84

# Trichromacy



**Original Color**  
5C7A84

**Protanomaly**  
6B7681

**Deuteranomaly**  
6E7585

**Tritanomaly**  
5C7A84

# Monochromacy



**Original Color**  
5C7A84

**Achromatopsia**  
727272

**Achromatomaly**  
6A7579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7A84 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 #5C7A84 looks like.

```
.text, #text, p{  
    color:#5C7A84  
}
```

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 #5C7A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7A84
}
```

## Border

The CSS property to change the border of an element to Hex 5C7A84 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
#5C7A84 }
```

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

```
.border{ border-color:#5C7A84 }
```

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

Here you see how a box with a 4 pixel #5C7A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7A84; -webkit-box-shadow:4px 4px  
4px 4px #5C7A84; box-shadow:4px 4px 4px  
4px #5C7A84 }
```

# Background

The CSS property to change the background color of an element to Hex 5C7A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7A84 }
```

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

```
.background{ background-color:#5C7A84 }
```

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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