

# Converting Colors

Hex(568F7C)

Have a look what the booklet for  
Hex(568F7C) contains.

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# Color

Hex(568F7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	568F7C
RGB	86, 143, 124
RGB Percent	34%, 56%, 49%
CMY	0.6627, 0.4392, 0.5137
CMYK	0.40, 0.00, 0.13, 0.44
HSL	160°, 25%, 45%
HSV	160°, 40%, 56%
XYZ	17.2983, 23.0786, 22.6117
YIQ	123.7910, -27.8730, -17.9930

# Conversions

## Conversions Part 2

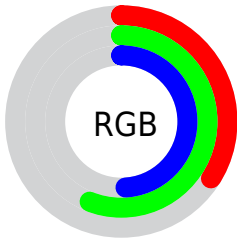
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 120, 143
Decimal	5672828
CIELab	55.15, -23.34, 4.24
CIElCh	55, 23.726, 169.703
Yxy	23.0786, 0.2746, 0.3664
Android (android.graphics.Color)	4283862908 (0xFF568F7C)
YUV	123.7910, 0.1030, -33.1427
Hunter-Lab	48.0402, -19.7961, 5.7214

# Details

The Hex color **568F7C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F5669**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8AC5B0**, and **235C4B** is the 20% darker color. If you saturate the color by 10%, you get **488F77**, and if you desaturate by 10%, it is **648F81**.

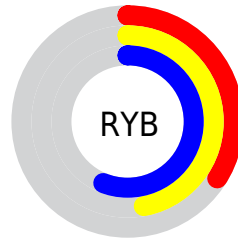
# Distribution



Red (34%)

Green (56%)

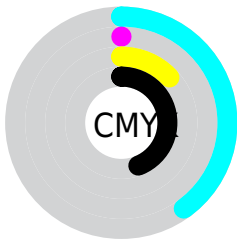
Blue (49%)



Red (34%)

Yellow (47%)

Blue (56%)

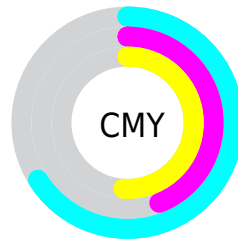


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (44%)



Cyan (66%)

Magenta (44%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568F7C 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 568F7C by changing the saturation by 10% instead.





568F7C



568F7C

FFFFFF



3D7563



8AC5B0



235C4B



A5E1CC



044435



C1FEE8



002E1F



DDFFFF



001B07



FAFFFF



000000



568F7C



568F7C



488F77



648F81



398F72



738F86

 2B8F6E

 818F8A

 1D8F69

 8F8F8F

 0E8F64

 9E8F94

 008F5F

 AC8F99

 BA8F9D

 C88FA2

 D78FA7

# Harmonies

## Analogous

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



6D8C69



568F7C



458F91

# Triad

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



568F7C



7D81AB



A87A66

# Complementary

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



568F7C



8F5669

# 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.



AE7577



568F7C



977A9F

# Square

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



568F7C



6088AC



A8768C



99805C

# Rectangle

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



568F7C



458E9E



A8768C



AB786B



# Sweetspot

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



568F7C



A4BAB3



698F56



515E5A



DEDEDE



5E5E5E



# Same Dimension

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



568F7C



61BA9C



56858F



404745



00875A



000805



# Inverse Universe

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



8F5669



BA617F



8F6056



474043



87002D



080003



# Previews

## White Background



This preview shows how the Hex color 568F7C looks on a white background.

## Color Contrast Check

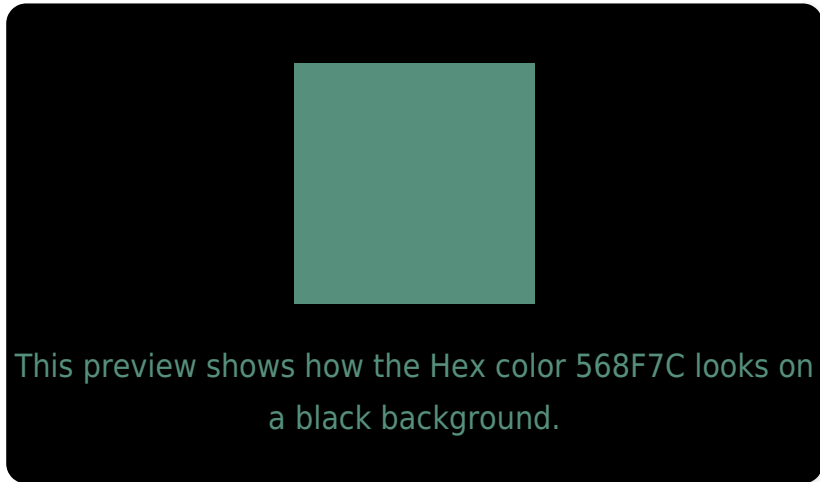
Large Text (above 18pt) WCAG AA ✓ Pass

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

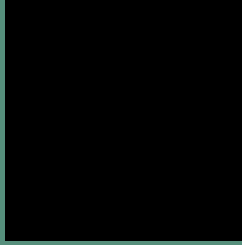
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

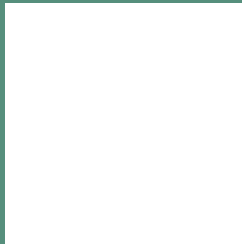
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 568F7C Background



This preview shows how black text looks on a background with the Hex color 568F7C.

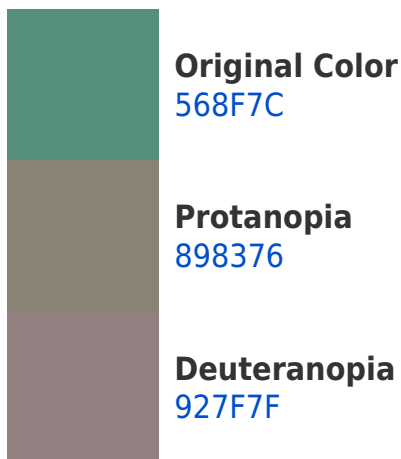


This preview shows how white text looks on a background with the Hex color 568F7C.

# 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**  
5D8B96

# Trichromacy



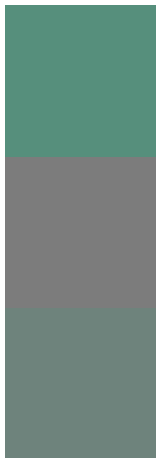
**Original Color**  
568F7C

**Protanomaly**  
768778

**Deuteranomaly**  
7C857E

**Tritanomaly**  
5A8C8D

# Monochromacy



**Original Color**  
568F7C

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
6E837C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568F7C 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 #568F7C looks like.

```
.text, #text, p{  
    color:#568F7C  
}
```

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 #568F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568F7C
}
```

## Border

The CSS property to change the border of an element to Hex 568F7C 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
#568F7C }
```

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

```
.border{ border-color:#568F7C }
```

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

Here you see how a box with a 4 pixel #568F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568F7C; -webkit-box-shadow:4px 4px  
4px 4px #568F7C; box-shadow:4px 4px 4px  
4px #568F7C }
```

# Background

The CSS property to change the background color of an element to Hex 568F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568F7C }
```

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

```
.background{ background-color:#568F7C }
```

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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