

# Converting Colors

Hex(51788F)

Have a look what the booklet for  
Hex(51788F) contains.

<b>Hex(51788F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(51788F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51788F
RGB	81, 120, 143
RGB Percent	32%, 47%, 56%
CMY	0.6824, 0.5294, 0.4392
CMYK	0.43, 0.16, 0.00, 0.44
HSL	202°, 28%, 44%
HSV	202°, 43%, 56%
XYZ	15.0677, 17.1654, 28.5057
YIQ	110.9610, -30.6270, -1.1150

# Conversions

## Conversions Part 2

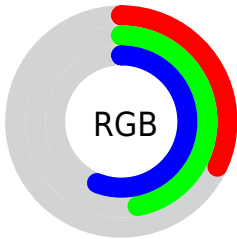
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 105, 143
Decimal	5339279
CIE <sub>Lab</sub>	48.47, -7.27, -16.79
CIE <sub>LCh</sub>	48, 18.299, 246.588
Yxy	17.1654, 0.2481, 0.2826
Android (android.graphics.Color)	4283529359 (0xFF51788F)
YUV	110.9610, 15.7952, -26.2758
Hunter-Lab	41.4312, -7.5876, -11.7912

# Details

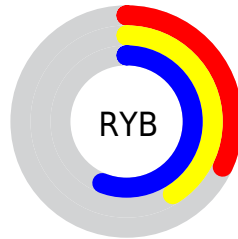
The Hex color **51788F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F6851**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **85ACC5**, and **1D485D** is the 20% darker color. If you saturate the color by 10%, you get **43738F**, and if you desaturate by 10%, it is **5F7D8F**.

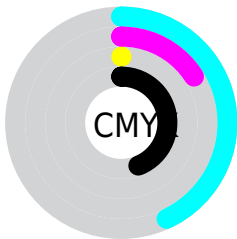
# Distribution



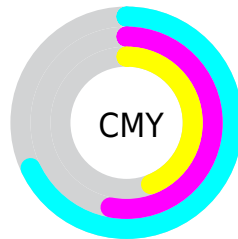
- Red (32%)
- Green (47%)
- Blue (56%)



- Red (32%)
- Yellow (41%)
- Blue (56%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (68%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51788F 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 51788F by changing the saturation by 10% instead.





51788F



51788F

FFFFFF



385F75



85ACC5



1D485D



A0C8E1



003145



BCE4FD



001C2F



D8FFFF



00011A



F5FFFF



000000



51788F



51788F



43738F



5F7D8F



346D8F



6E838F

■ 26688F

■ 7C888F

■ 18638F

■ 8A8D8F

■ 095D8F

■ 99938F

■ 005A8F

■ A7988F

■ B59D8F

■ C3A28F

■ D2A88F

# Harmonies

## Analogous

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



467B85



51788F



657392

# Triad

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



51788F



926870



6A785A

# Complementary

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



51788F



8F6851

# 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.



7B7354



51788F



916A61

# Square

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



51788F



8A6A80



896E57



587B66

# Rectangle

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



51788F



73708F



896E57



707657



# Sweetspot

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



51788F



A2B1BA



518F68



4F595E



DEDEDE



5E5E5E



# Same Dimension

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



51788F



5996BA



51598F



404547



005587



000508



# Inverse Universe

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



8F5178



BA5996



8F8751



474045



870055



080005



# Previews

## White Background



This preview shows how the Hex color 51788F 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

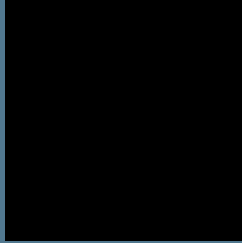
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

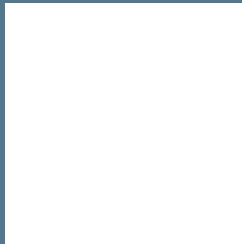
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 51788F Background



This preview shows how black text looks on a background with the Hex color 51788F.

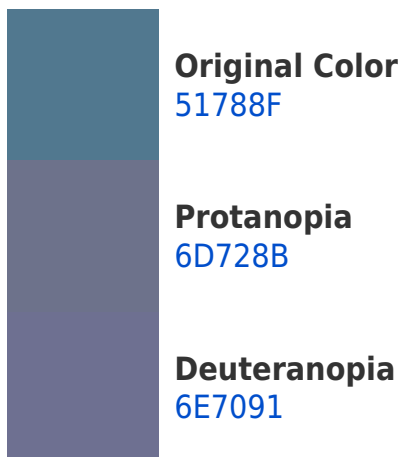


This preview shows how white text looks on a background with the Hex color 51788F.

# 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](#).

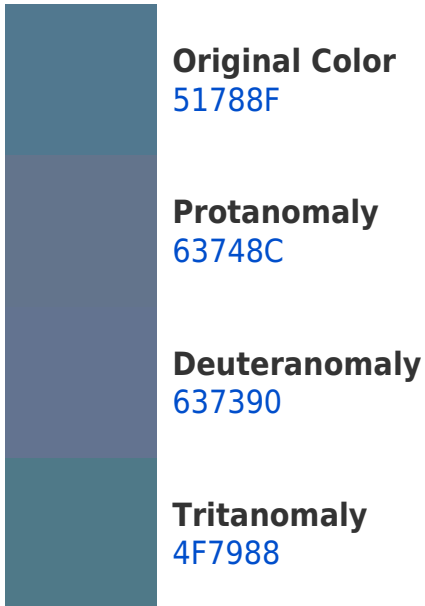
## Dichromacy



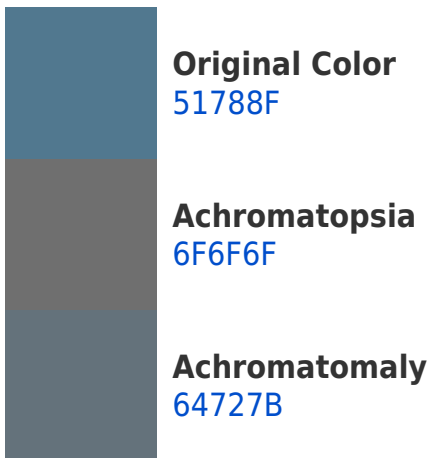


**Tritanopia**  
4E7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51788F 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 #51788F looks like.

```
.text, #text, p{  
    color:#51788F  
}
```

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 #51788F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51788F
}
```

## Border

The CSS property to change the border of an element to Hex 51788F is called "border". The border property can be set on classes, ids or directly on the HTML element.

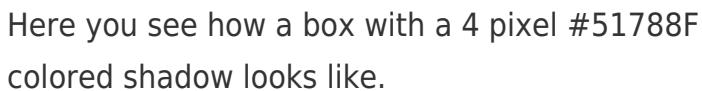
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51788F }
```

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

```
.border{ border-color:#51788F }
```

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



Here you see how a box with a 4 pixel #51788F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51788F; -webkit-box-shadow:4px 4px  
4px 4px #51788F; box-shadow:4px 4px 4px  
4px #51788F }
```

# Background

The CSS property to change the background color of an element to Hex 51788F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51788F }
```

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

```
.background{ background-color:#51788F }
```

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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