

# Converting Colors

Hex(50868F)

Have a look what the booklet for  
Hex(50868F) contains.

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# Color

**Hex(50868F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50868F
RGB	80, 134, 143
RGB Percent	31%, 53%, 56%
CMY	0.6863, 0.4745, 0.4392
CMYK	0.44, 0.06, 0.00, 0.44
HSL	189°, 28%, 44%
HSV	189°, 44%, 56%
XYZ	16.7913, 20.7388, 29.1046
YIQ	118.8800, -35.0730, -8.6490

# Conversions

## Conversions Part 2

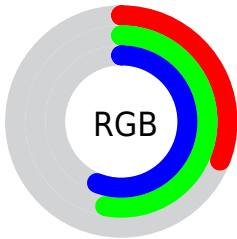
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 109, 143
Decimal	5277327
CIELab	52.66, -15.40, -10.45
CIElCh	53, 18.614, 214.155
Yxy	20.7388, 0.2520, 0.3112
Android (android.graphics.Color)	4283467407 (0xFF50868F)
YUV	118.8800, 11.8912, -34.0978
Hunter-Lab	45.5399, -13.8791, -6.0144

# Details

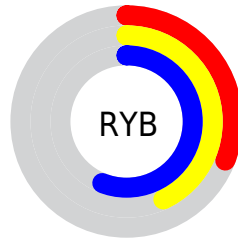
The Hex color **50868F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F5950**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **85BBC5**, and **1A545D** is the 20% darker color. If you saturate the color by 10%, you get **42848F**, and if you desaturate by 10%, it is **5E888F**.

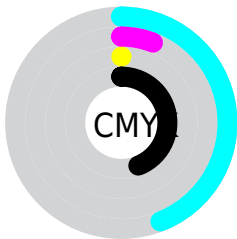
# Distribution



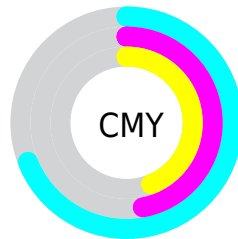
- Red (31%)
- Green (53%)
- Blue (56%)



- Red (31%)
- Yellow (43%)
- Blue (56%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (47%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50868F 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 50868F by changing the saturation by 10% instead.



■ 50868F

■ 50868F

FFFFFF

■ 366D75

■ 85BBC5

■ 1A545D

■ A0D7E1

■ 003D45

■ BCF4FD

■ 00272F

■ D8FFFF

■ 00121A

■ F5FFFF

■ 000000

■ 50868F

■ 50868F

■ 42848F

■ 5E888F

■ 33828F

■ 6D8A8F

■ 25808F

■ 7B8C8F

■ 177E8F

■ 898E8F

■ 097C8F

■ 98908F

■ 007B8F

■ A6928F

■ B4948F

■ C2968F

■ D1988F

# Harmonies

## Analogous

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



55877F



50868F



5A839A

# Triad

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



50868F



94748C



877D5E

# Complementary

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



50868F



8F5950

# 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.



957861



50868F



9D727C

# Square

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



50868F



837998



9E746C



768263

# Rectangle

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



50868F



66809D



9E746C



8D7C5E



# Sweetspot

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



50868F



A2B7BA



508F58



4F5C5E



DEDEDE



5E5E5E



# Same Dimension

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



50868F



57ACBA



50678F



404647



007487



000708



# Inverse Universe

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



8F5086



BA57AC



8F7850



474046



870074

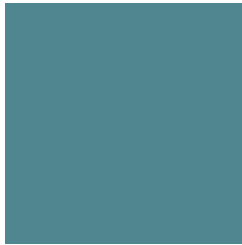


080007



# Previews

## White Background



This preview shows how the Hex color 50868F looks on a white background.

## Color Contrast Check

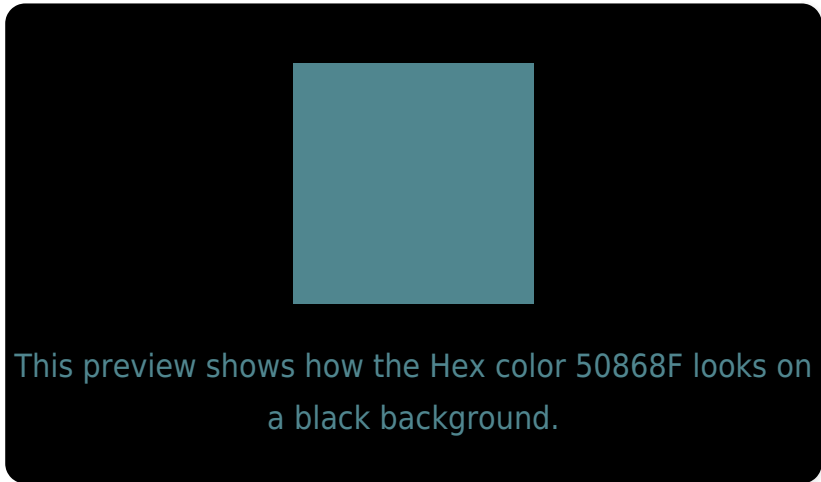
Large Text (above 18pt) WCAG AA ✓ Pass

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

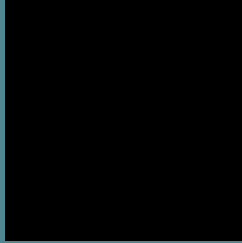
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 50868F Background



This preview shows how black text looks on a background with the Hex color 50868F.

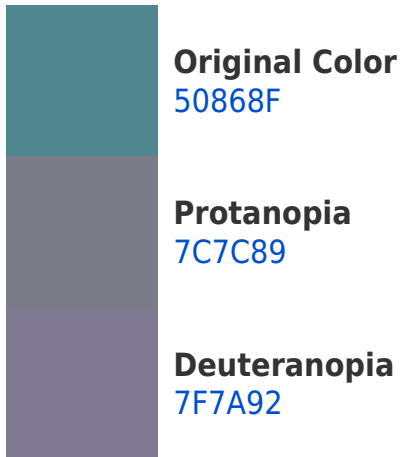


This preview shows how white text looks on a background with the Hex color 50868F.

# 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



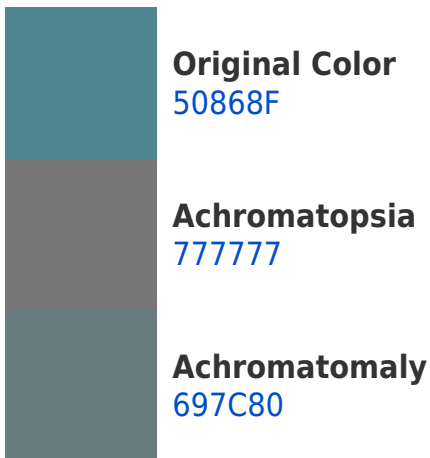


**Tritanopia**  
508691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50868F 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 #50868F looks like.

```
.text, #text, p{  
    color:#50868F  
}
```

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 #50868F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50868F
}
```

## Border

The CSS property to change the border of an element to Hex 50868F 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
#50868F }
```

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

```
.border{ border-color:#50868F }
```

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

Here you see how a box with a 4 pixel #50868F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50868F; -webkit-box-shadow:4px 4px  
4px 4px #50868F; box-shadow:4px 4px 4px  
4px #50868F }
```

# Background

The CSS property to change the background color of an element to Hex 50868F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50868F }
```

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

```
.background{ background-color:#50868F }
```

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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