

# Converting Colors

Hex(61868B)

Have a look what the booklet for  
Hex(61868B) contains.

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# Color

**Hex(61868B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61868B
RGB	97, 134, 139
RGB Percent	38%, 53%, 55%
CMY	0.6196, 0.4745, 0.4549
CMYK	0.30, 0.04, 0.00, 0.45
HSL	187°, 18%, 46%
HSV	187°, 30%, 55%
XYZ	18.1151, 21.4557, 27.6127
YIQ	123.5070, -23.6570, -6.2890

# Conversions

## Conversions Part 2

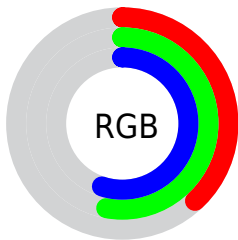
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 117, 139
Decimal	6391435
CIE Lab	53.44, -11.59, -6.86
CIE LCh	53, 13.467, 210.632
Yxy	21.4557, 0.2696, 0.3194
Android (android.graphics.Color)	4284581515 (0xFF61868B)
YUV	123.5070, 7.6380, -23.2466
Hunter-Lab	46.3203, -11.2521, -2.9201

# Details

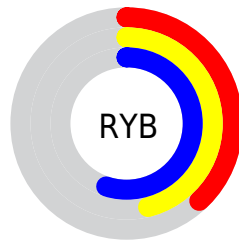
The Hex color **61868B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6661**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **95BBC0**, and **305459** is the 20% darker color. If you saturate the color by 10%, you get **53848B**, and if you desaturate by 10%, it is **6F888B**.

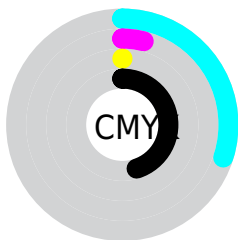
# Distribution



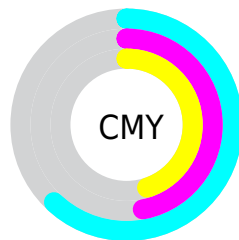
- Red (38%)
- Green (53%)
- Blue (55%)



- Red (38%)
- Yellow (46%)
- Blue (55%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61868B 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 61868B by changing the saturation by 10% instead.



61868B

61868B

FFFFFF

486D72

95BBC0

305459

B0D7DC

183D42

CCF3F9

00272C

E8FFFF

001417

000000

61868B

61868B

53848B

6F888B

45838B

7D898B

37818B

8B8B8B

297F8B

998D8B

1C7E8B

A78E8B

0E7C8B

B4908B

007A8B

C2928B

D0938B

DE958B

# Harmonies

## Analogous

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



65867F



61868B



668493

# Triad

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



61868B



8F798B



897F69

# Complementary

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



61868B



8B6661

# 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.



937B6C



61868B



977880

# Square

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



61868B



827D94



987874



7C836C

# Rectangle

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



61868B



6E8296



987874



8C7E69



# Sweetspot

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



61868B



A5B3B5



618B66



525B5C



DBDBDB



5C5C5C



# Same Dimension

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



61868B



74ADB5



61718B



3E4445



007585



000405



# Inverse Universe

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



8B6186



B574AD



8B7B61



453E44



850075



050004



# Previews

## White Background



This preview shows how the Hex color 61868B looks on a white background.

## Color Contrast Check

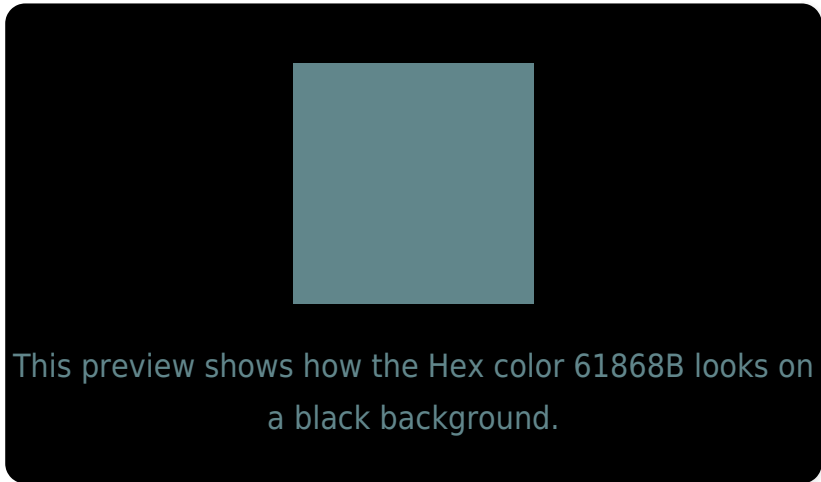
Large Text (above 18pt) WCAG AA ✓ Pass

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

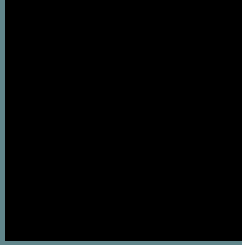
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 61868B Background



This preview shows how black text looks on a background with the Hex color 61868B.

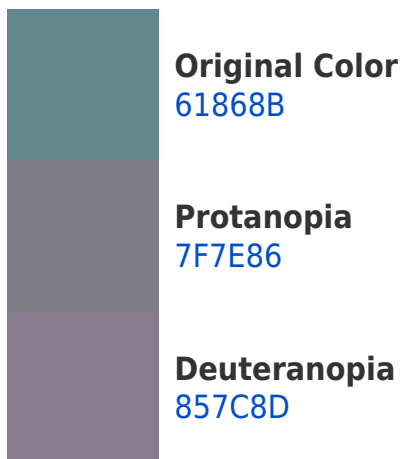


This preview shows how white text looks on a background with the Hex color 61868B.

# 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](#).

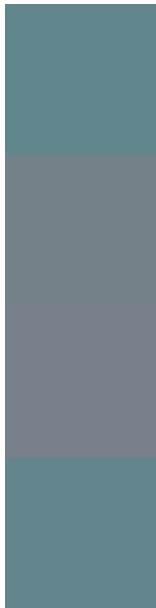
## Dichromacy





**Tritanopia**  
628590

# Trichromacy



**Original Color**  
61868B

**Protanomaly**  
748188

**Deuteranomaly**  
78808C

**Tritanomaly**  
62858E

# Monochromacy



**Original Color**  
61868B

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
728081

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61868B 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 #61868B looks like.

```
.text, #text, p{  
    color:#61868B  
}
```

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 #61868B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61868B
}
```

## Border

The CSS property to change the border of an element to Hex 61868B 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".

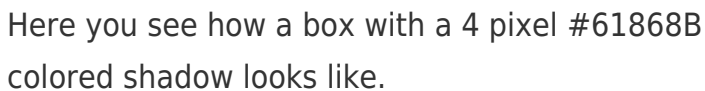
```
.border, #border, table{ border:4px solid
#61868B }
```

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

```
.border{ border-color:#61868B }
```

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

Here you see how a box with a 4 pixel #61868B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61868B; -webkit-box-shadow:4px 4px  
4px 4px #61868B; box-shadow:4px 4px 4px  
4px #61868B }
```

# Background

The CSS property to change the background color of an element to Hex 61868B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61868B }
```

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

```
.background{ background-color:#61868B }
```

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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