

# Converting Colors

Hex(658C8B)

Have a look what the booklet for  
Hex(658C8B) contains.

<b>Hex(658C8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(658C8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	658C8B
RGB	101, 140, 139
RGB Percent	40%, 55%, 55%
CMY	0.6039, 0.4510, 0.4549
CMYK	0.28, 0.00, 0.01, 0.45
HSL	178°, 16%, 47%
HSV	178°, 28%, 55%
XYZ	19.4051, 23.3869, 27.9175
YIQ	128.2250, -22.9230, -8.5790

# Conversions

## Conversions Part 2

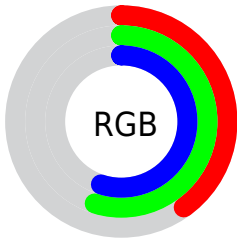
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 121, 140
Decimal	6655115
CIELab	55.47, -13.64, -3.84
CIElCh	55, 14.167, 195.710
Yxy	23.3869, 0.2744, 0.3307
Android (android.graphics.Color)	4284845195 (0xFF658C8B)
YUV	128.2250, 5.3121, -23.8763
Hunter-Lab	48.3601, -13.0046, -0.3751

# Details

The Hex color **658C8B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6566**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **99C2C0**, and **345A59** is the 20% darker color. If you saturate the color by 10%, you get **578C8B**, and if you desaturate by 10%, it is **738C8B**.

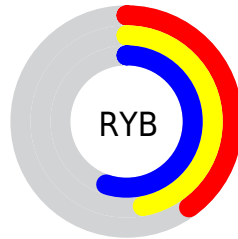
# Distribution



Red (40%)

Green (55%)

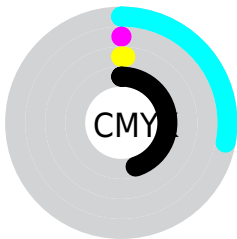
Blue (55%)



Red (40%)

Yellow (47%)

Blue (55%)

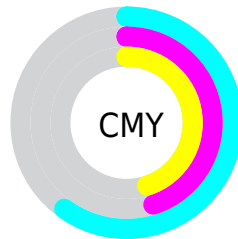


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658C8B 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 658C8B by changing the saturation by 10% instead.





658C8B



658C8B

FFFFFF



4C7272



99C2C0



345A59



B4DEDC



1C4242



D0FAF9



022C2C



EDFFFF



001817



000000



658C8B



658C8B



578C8B



738C8B



498C8A



818C8C

 3B8C8A

 8F8C8C

 2D8C8A

 9D8C8C

 1F8C89

 AB8C8D

 118C89

 B98C8D

 038C88

 C78C8E

 008C88

 D58C8E

 E38C8E

# Harmonies

## Analogous

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



6D8C7E



658C8B



668B96

# Triad

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



658C8B



8F8096



94826D

# Complementary

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



658C8B



8C6566

# 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.



9C7E74



658C8B



9A7D8B

# Square

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



658C8B



80849C



9F7C7F



88866D

# Rectangle

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



658C8B



6C899B



9F7C7F



97816F



# Sweetspot

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



658C8B



A7B5B5



668C65



535C5C



DBDBDB



5C5C5C



# Same Dimension

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



658C8B



79B5B4



657A8C



3E4545



008581



000505



# Inverse Universe

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



8C6566



B5797B



8C7765



453E3E



850003



050000



# Previews

## White Background



This preview shows how the Hex color 658C8B looks on a white background.

## Color Contrast Check

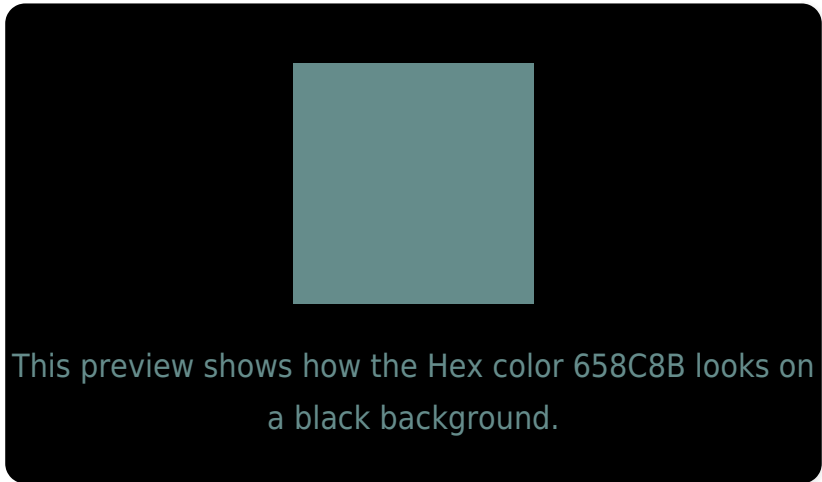
Large Text (above 18pt) WCAG AA ✓ Pass

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

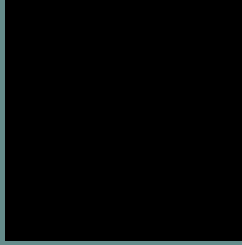
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

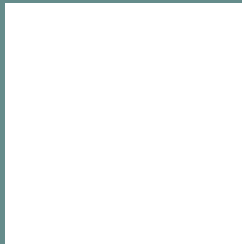
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 658C8B Background



This preview shows how black text looks on a background with the Hex color 658C8B.

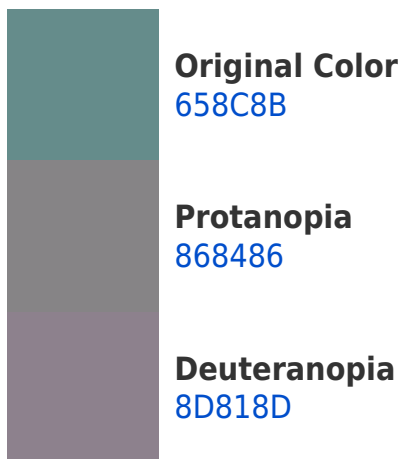



This preview shows how white text looks on a background with the Hex color 658C8B.

# 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](#).

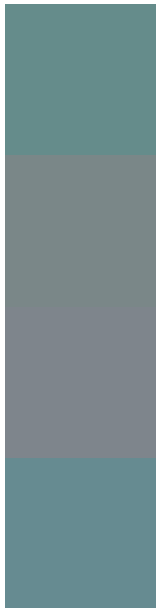
## Dichromacy





**Tritanopia**  
678A95

# Trichromacy



**Original Color**  
658C8B

**Protanomaly**  
7A8788

**Deuteranomaly**  
7E858C

**Tritanomaly**  
668B91

# Monochromacy



**Original Color**  
658C8B

**Achromatopsia**  
808080

**Achromatomaly**  
768484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658C8B 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 #658C8B looks like.

```
.text, #text, p{  
    color:#658C8B  
}
```

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 #658C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658C8B
}
```

## Border

The CSS property to change the border of an element to Hex 658C8B 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
#658C8B }
```

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

```
.border{ border-color:#658C8B }
```

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

Here you see how a box with a 4 pixel #658C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658C8B; -webkit-box-shadow:4px 4px  
4px 4px #658C8B; box-shadow:4px 4px 4px  
4px #658C8B }
```

# Background

The CSS property to change the background color of an element to Hex 658C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658C8B }
```

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

```
.background{ background-color:#658C8B }
```

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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