

# Converting Colors

Hex(65988B)

Have a look what the booklet for  
Hex(65988B) contains.

<b>Hex(65988B)</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(65988B)

# Conversions

## Conversions Part 1

Format	Color
Hex	65988B
RGB	101, 152, 139
RGB Percent	40%, 60%, 55%
CMY	0.6039, 0.4039, 0.4549
CMYK	0.34, 0.00, 0.09, 0.40
HSL	165°, 20%, 50%
HSV	165°, 34%, 60%
XYZ	21.2553, 27.0873, 28.5342
YIQ	135.2690, -26.2230, -14.8550

# Conversions

## Conversions Part 2

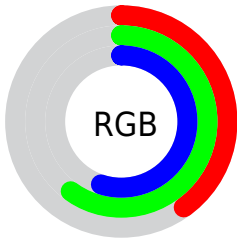
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 130, 152
Decimal	6658187
CIELab	59.06, -20.02, 1.42
CIELCh	59, 20.072, 175.948
Yxy	27.0873, 0.2765, 0.3523
Android (android.graphics.Color)	4284848267 (0xFF65988B)
YUV	135.2690, 1.8394, -30.0539
Hunter-Lab	52.0454, -18.1804, 3.9257

# Details

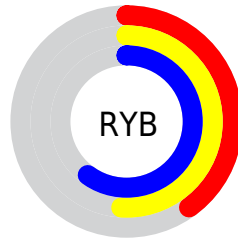
The Hex color **65988B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **986572**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9ACEC0**, and **336559** is the 20% darker color. If you saturate the color by 10%, you get **569887**, and if you desaturate by 10%, it is **74988F**.

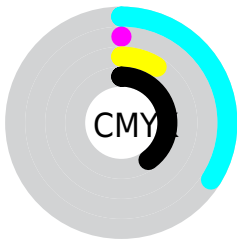
# Distribution



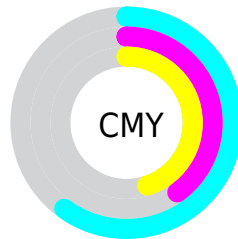
- Red (40%)
- Green (60%)
- Blue (55%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65988B 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 65988B by changing the saturation by 10% instead.





65988B



65988B

FFFFFF



4C7E72



9ACEC0



336559



B5EBDC



1A4D42



D1FFF9



00362C



EEEFFF



002017



000000



65988B



65988B



569887



74988F



479883



839893

37987F

939897

28987C

A2989A

199878

B1989E

0A9874

C098A2

009871

CF98A6

DF98AA

EE98AE

# Harmonies

## Analogous

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



77967A



65988B



5C989D

# Triad

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



65988B



8E8AAE



AC8672

# Complementary

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



65988B



986572

# 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.



B28280



65988B



A385A2

# Square

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



65988B



7690B1



AF8291



9E8C6B

# Rectangle

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



65988B



5E96A7



AF8291



AF8576



# Sweetspot

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



65988B



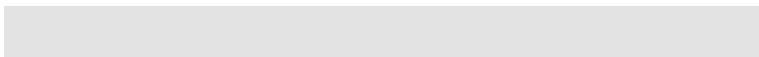
B1C4BF



739865



586360



E3E3E3



636363



# Same Dimension

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



65988B



76C4B0



658C98



454D4B



008C69



000D0A



# Inverse Universe

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



986572



C4768A



987165



4D4547



8C0024



0D0003



# Previews

## White Background



This preview shows how the Hex color 65988B looks on a white background.

## Color Contrast Check

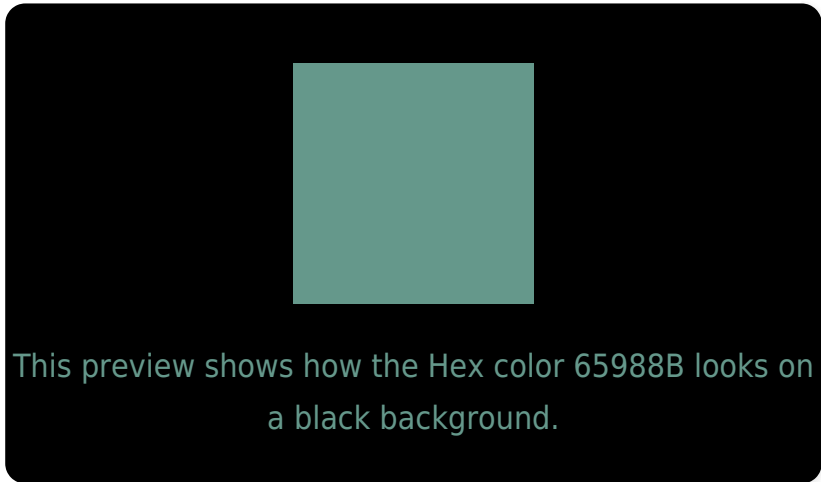
Large Text (above 18pt) WCAG AA ✓ Pass

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

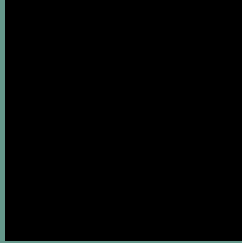
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65988B Background



This preview shows how black text looks on a background with the Hex color 65988B.

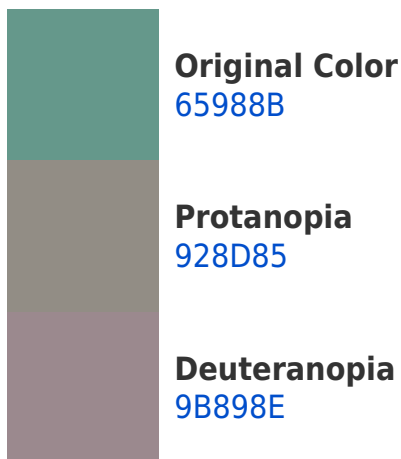


This preview shows how white text looks on a background with the Hex color 65988B.

# 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



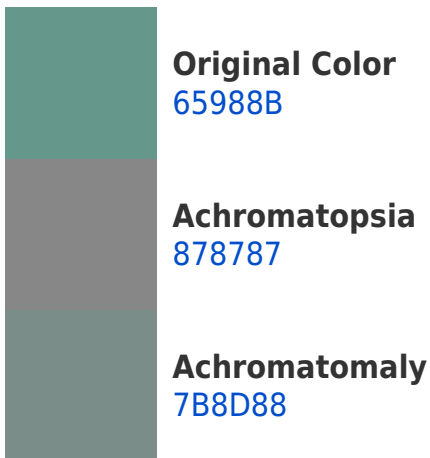


**Tritanopia**  
6A95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65988B 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 #65988B looks like.

```
.text, #text, p{  
    color:#65988B  
}
```

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 #65988B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65988B
}
```

## Border

The CSS property to change the border of an element to Hex 65988B 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
#65988B }
```

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

```
.border{ border-color:#65988B }
```

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

Here you see how a box with a 4 pixel #65988B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65988B; -webkit-box-shadow:4px 4px  
4px 4px #65988B; box-shadow:4px 4px 4px  
4px #65988B }
```

# Background

The CSS property to change the background color of an element to Hex 65988B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65988B }
```

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

```
.background{ background-color:#65988B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor