

# Converting Colors

Hex(64988D)

Have a look what the booklet for  
Hex(64988D) contains.

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# Color

**Hex(64988D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64988D
RGB	100, 152, 141
RGB Percent	39%, 60%, 55%
CMY	0.6078, 0.4039, 0.4471
CMYK	0.34, 0.00, 0.07, 0.40
HSL	167°, 21%, 49%
HSV	167°, 34%, 60%
XYZ	21.2915, 27.0889, 29.3058
YIQ	135.1980, -27.4610, -14.4450

# Conversions

## Conversions Part 2

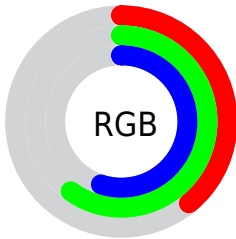
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 129, 152
Decimal	6592653
CIELab	59.06, -19.86, 0.28
CIElCh	59, 19.858, 179.199
Yxy	27.0889, 0.2741, 0.3487
Android (android.graphics.Color)	4284782733 (0xFF64988D)
YUV	135.1980, 2.8604, -30.8686
Hunter-Lab	52.0470, -18.0611, 3.0488

# Details

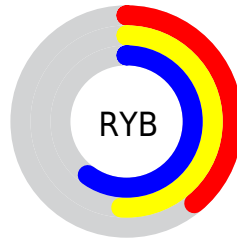
The Hex color **64988D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98646F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **99CEC3**, and **32655B** is the 20% darker color. If you saturate the color by 10%, you get **55988A**, and if you desaturate by 10%, it is **739890**.

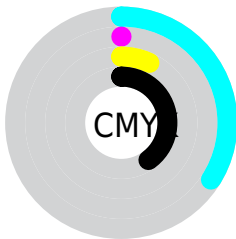
# Distribution



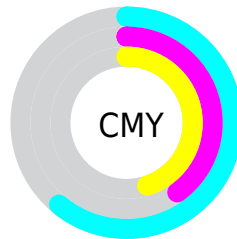
- Red (39%)
- Green (60%)
- Blue (55%)



- Red (39%)
- Yellow (51%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64988D 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 64988D by changing the saturation by 10% instead.



64988D

64988D

FFFFFF

4B7E73

99CEC3

32655B

B4EBDE

184D44

D0FFFB

00362D

EDFFFF

002019

000000

64988D

64988D

55988A

739890

469887

829893

■ 369883

■ 929897

■ 279880

■ A1989A

■ 18987D

■ B0989D

■ 09987A

■ BF98A0

■ 009878

■ CE98A4

■ DE98A7

■ ED98AA

# Harmonies

## Analogous

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



75967C



64988D



5D989E

# Triad

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



64988D



908AAC



AA8771

# Complementary

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



64988D



98646F

# 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.



B2837E



64988D



A484A0

# Square

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



64988D



7990B1



B0828F



9C8D6B

# Rectangle

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



64988D



6096A8



B0828F



AE8574



# Sweetspot

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



64988D



B1C4C0



6F9864



586361



E3E3E3



636363



# Same Dimension

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



64988D



74C4B3



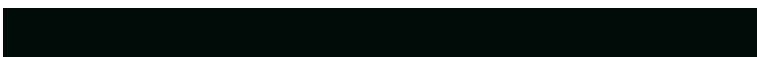
648998



454D4B



008C6F



000D0A



# Inverse Universe

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



98646F



C47485



987364



4D4546



8C001E



0D0003



# Previews

## White Background



This preview shows how the Hex color 64988D looks on a white background.

## Color Contrast Check

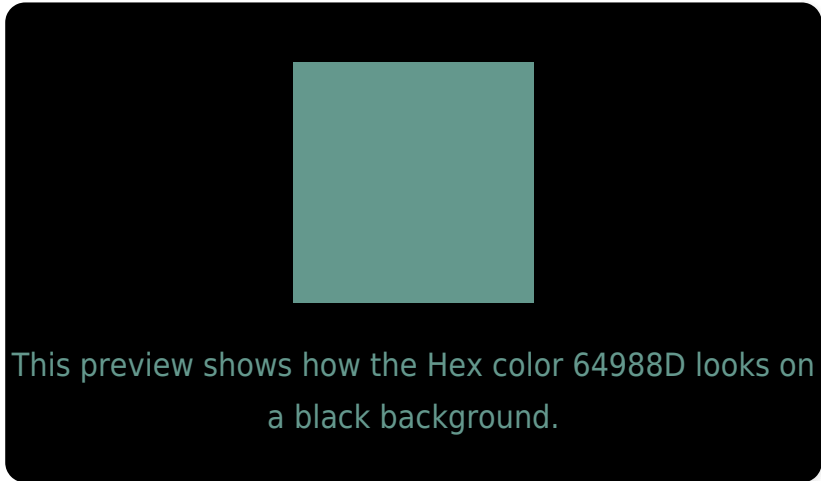
Large Text (above 18pt) WCAG AA ✓ Pass

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

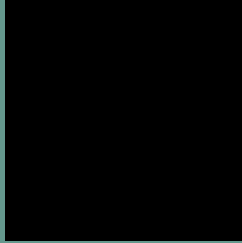
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 64988D Background



This preview shows how black text looks on a background with the Hex color 64988D.

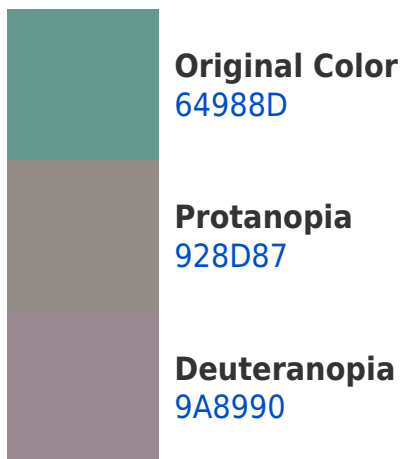


This preview shows how white text looks on a background with the Hex color 64988D.

# 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](#).

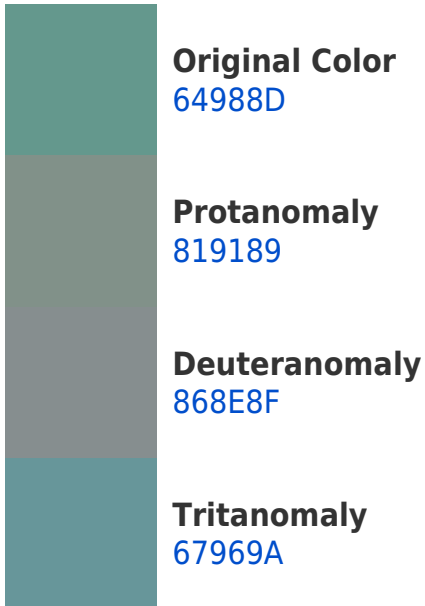
## Dichromacy



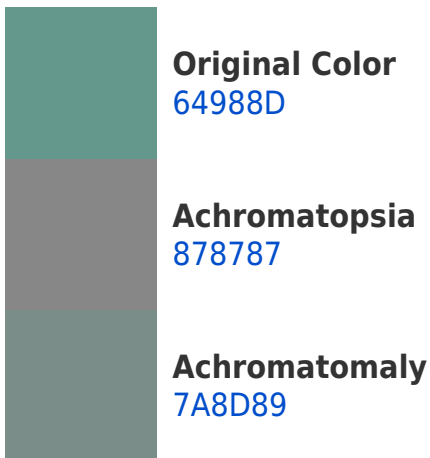


**Tritanopia**  
6995A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64988D 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 #64988D looks like.

```
.text, #text, p{  
    color:#64988D  
}
```

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 #64988D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64988D
}
```

## Border

The CSS property to change the border of an element to Hex 64988D 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
#64988D }
```

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

```
.border{ border-color:#64988D }
```

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

Here you see how a box with a 4 pixel #64988D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64988D; -webkit-box-shadow:4px 4px  
4px 4px #64988D; box-shadow:4px 4px 4px  
4px #64988D }
```

# Background

The CSS property to change the background color of an element to Hex 64988D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64988D }
```

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

```
.background{ background-color:#64988D }
```

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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