

# Converting Colors

Hex(69878D)

Have a look what the booklet for  
Hex(69878D) contains.

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# Color

**Hex(69878D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69878D
RGB	105, 135, 141
RGB Percent	41%, 53%, 55%
CMY	0.5882, 0.4706, 0.4471
CMYK	0.26, 0.04, 0.00, 0.45
HSL	190°, 15%, 48%
HSV	190°, 26%, 55%
XYZ	19.2974, 22.2543, 28.4777
YIQ	126.7140, -19.8060, -4.4940

# Conversions

## Conversions Part 2

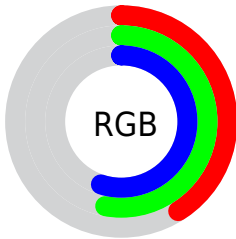
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 121, 141
Decimal	6915981
CIE Lab	54.30, -9.13, -6.70
CIE LCh	54, 11.325, 216.290
Yxy	22.2543, 0.2756, 0.3178
Android (android.graphics.Color)	4285106061 (0xFF69878D)
YUV	126.7140, 7.0430, -19.0432
Hunter-Lab	47.1745, -9.5373, -2.7694

# Details

The Hex color **69878D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D6F69**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9DBCC3**, and **38555B** is the 20% darker color. If you saturate the color by 10%, you get **5B858D**, and if you desaturate by 10%, it is **77898D**.

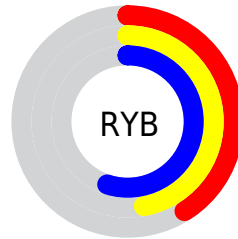
# Distribution



Red (41%)

Green (53%)

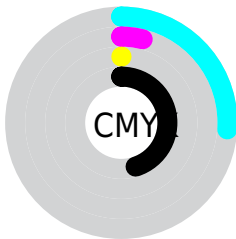
Blue (55%)



Red (41%)

Yellow (47%)

Blue (55%)

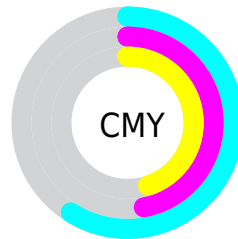


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (47%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69878D 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 69878D by changing the saturation by 10% instead.



69878D

69878D

FFFFFF

506E73

9DBCC3

38555B

B8D8DE

213E43

D4F4FB

09282D

F1FFFF

001419

000000

69878D

69878D

5B858D

77898D

4D828D

858C8D

■ 3F808D

■ 938E8D

■ 317E8D

■ A1908D

■ 237B8D

■ B0938D

■ 14798D

■ BE958D

■ 06778D

■ CC978D

■ 00758D

■ DA9A8D

■ E89C8D

# Harmonies

## Analogous

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



6A8884



69878D



6F8593

# Triad

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



69878D



917C8A



88826E

# Complementary

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



69878D



8D6F69

# 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.



917F70



69878D



967B80

# Square

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



69878D



867F92



967C77



7D8572

# Rectangle

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



69878D



768395



967C77



8B816E



# Sweetspot

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



69878D



A9B5B8



698D6F



535A5C



DBDBDB



5C5C5C



# Same Dimension

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



69878D



7FAEB8



69758D



404647



007187



000608



# Inverse Universe

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



8D6987



B87FAE



8D8169



474046



870071



080006



# Previews

## White Background



This preview shows how the Hex color 69878D 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

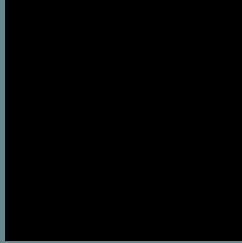
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

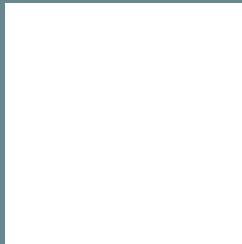
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69878D Background



This preview shows how black text looks on a background with the Hex color 69878D.

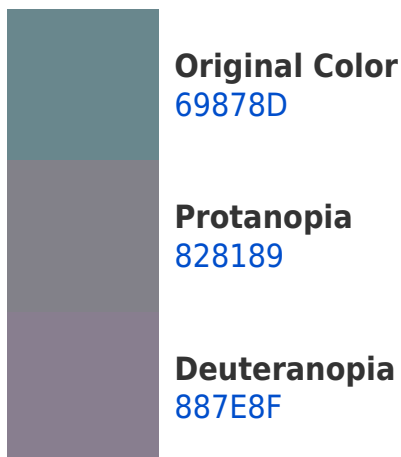



This preview shows how white text looks on a background with the Hex color 69878D.

# 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](#).

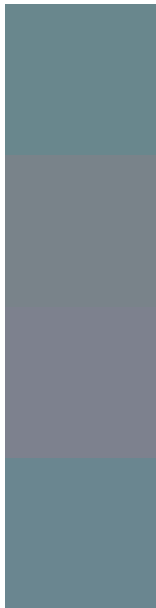
## Dichromacy





**Tritanopia**  
6A8691

# Trichromacy



**Original Color**  
69878D

**Protanomaly**  
79838A

**Deuteranomaly**  
7D818E

**Tritanomaly**  
6A8690

# Monochromacy



**Original Color**  
69878D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
778284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69878D 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 #69878D looks like.

```
.text, #text, p{  
    color:#69878D  
}
```

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 #69878D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69878D
}
```

## Border

The CSS property to change the border of an element to Hex 69878D 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
#69878D }
```

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

```
.border{ border-color:#69878D }
```

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

Here you see how a box with a 4 pixel #69878D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69878D; -webkit-box-shadow:4px 4px  
4px 4px #69878D; box-shadow:4px 4px 4px  
4px #69878D }
```

# Background

The CSS property to change the background color of an element to Hex 69878D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69878D }
```

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

```
.background{ background-color:#69878D }
```

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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