

# Converting Colors

Hex(68827C)

Have a look what the booklet for  
Hex(68827C) contains.

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# Color

Hex(68827C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68827C
RGB	104, 130, 124
RGB Percent	41%, 51%, 49%
CMY	0.5922, 0.4902, 0.5137
CMYK	0.20, 0.00, 0.05, 0.49
HSL	166°, 11%, 46%
HSV	166°, 20%, 51%
XYZ	17.3296, 20.3636, 22.0860
YIQ	121.5420, -13.5700, -7.3780

# Conversions

## Conversions Part 2

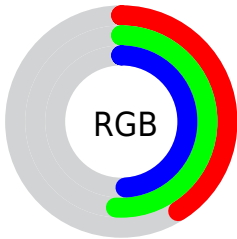
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 119, 130
Decimal	6849148
CIELab	52.25, -10.64, 0.15
CIElCh	52, 10.642, 179.175
Yxy	20.3636, 0.2899, 0.3406
Android (android.graphics.Color)	4285039228 (0xFF68827C)
YUV	121.5420, 1.2118, -15.3843
Hunter-Lab	45.1260, -10.4215, 2.5700

# Details

The Hex color **68827C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **82686E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9CB7B0**, and **38514B** is the 20% darker color. If you saturate the color by 10%, you get **5B8279**, and if you desaturate by 10%, it is **75827F**.

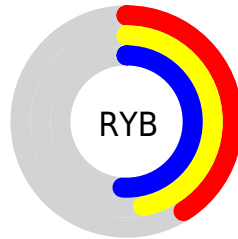
# Distribution



Red (41%)

Green (51%)

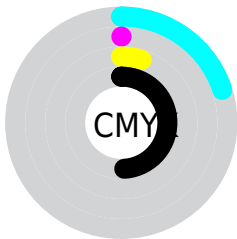
Blue (49%)



Red (41%)

Yellow (47%)

Blue (51%)

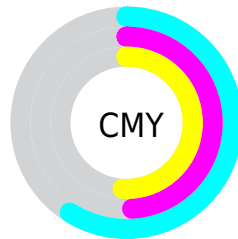


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68827C 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 68827C by changing the saturation by 10% instead.



68827C

68827C

FFFFFF

506963

9CB7B0

38514B

B7D3CC

223A35

D2EFE8

0C2420

FFFFFF

000F07

000000

68827C

68827C

5B8279

75827F

4E8276

828282

■ 418273

■ 8F8285

■ 348270

■ 9C8288

■ 27826D

■ A9828B

■ 1A826A

■ B6828E

■ 0D8267

■ C38291

■ 008264

■ D08294

■ DD8297

# Harmonies

## Analogous

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



708173



68827C



658285

# Triad

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



68827C



7E7A8C



8C796D

# Complementary

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



68827C



82686E

# 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.



907774



68827C



887886

# Square

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



68827C



737D8F



8F767D



847C6B

# Rectangle

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



68827C



67818A



8F767D



8E786F



# Sweetspot

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



68827C



9EA8A6



6E8268



4E5453



D4D4D4



545454



# Same Dimension

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



68827C



80A89F



687B82



39403E



008062



000000



# Inverse Universe

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



82686E



A88089



826F68



40393B



80001D



000000



# Previews

## White Background



This preview shows how the Hex color 68827C looks on a white background.

## Color Contrast Check

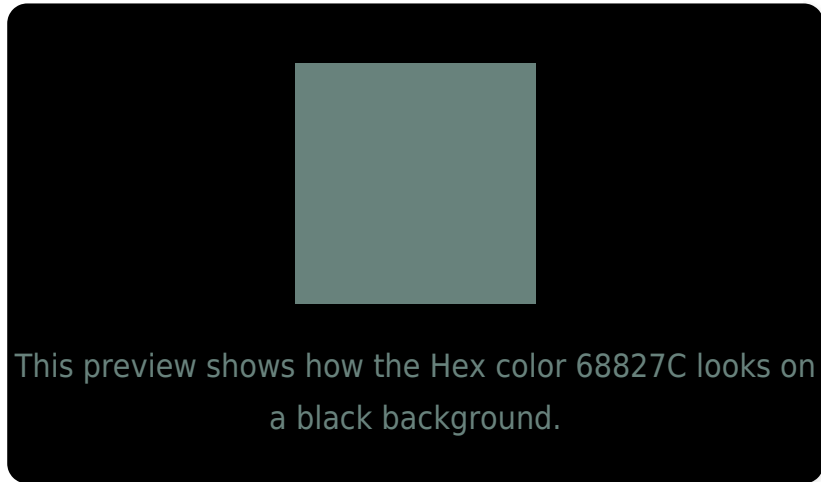
Large Text (above 18pt) WCAG AA ✓ Pass

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

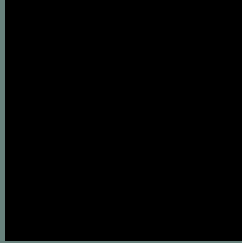
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

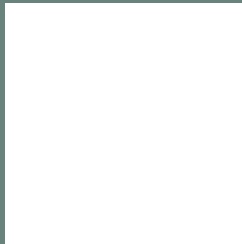
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68827C Background



This preview shows how black text looks on a background with the Hex color 68827C.

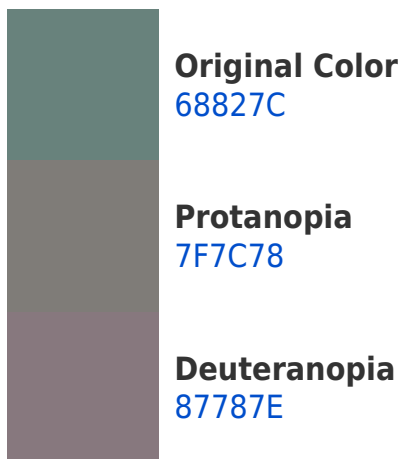


This preview shows how white text looks on a background with the Hex color 68827C.

# 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](#).

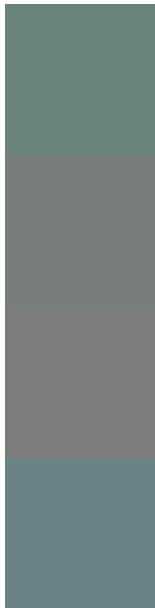
## Dichromacy





**Tritanopia**  
6B808A

# Trichromacy



**Original Color**  
68827C

**Protanomaly**  
777E79

**Deuteranomaly**  
7C7C7D

**Tritanomaly**  
6A8185

# Monochromacy



**Original Color**  
68827C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
737D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68827C 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 #68827C looks like.

```
.text, #text, p{  
    color:#68827C  
}
```

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 #68827C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68827C
}
```

## Border

The CSS property to change the border of an element to Hex 68827C 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".

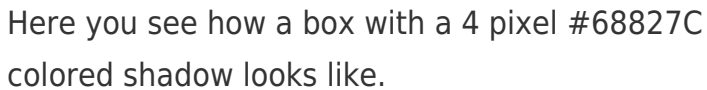
```
.border, #border, table{ border:4px solid
#68827C }
```

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

```
.border{ border-color:#68827C }
```

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

Here you see how a box with a 4 pixel #68827C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68827C; -webkit-box-shadow:4px 4px  
4px 4px #68827C; box-shadow:4px 4px 4px  
4px #68827C }
```

# Background

The CSS property to change the background color of an element to Hex 68827C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68827C }
```

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

```
.background{ background-color:#68827C }
```

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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