

# Converting Colors

Hex(66847E)

Have a look what the booklet for  
Hex(66847E) contains.

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# Color

Hex(66847E)

# Conversions

## Conversions Part 1

Format	Color
Hex	66847E
RGB	102, 132, 126
RGB Percent	40%, 52%, 49%
CMY	0.6000, 0.4824, 0.5059
CMYK	0.23, 0.00, 0.05, 0.48
HSL	168°, 13%, 46%
HSV	168°, 23%, 52%
XYZ	17.4966, 20.8337, 22.8378
YIQ	122.3460, -15.9540, -8.2260

# Conversions

## Conversions Part 2

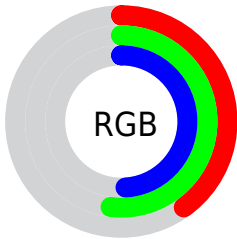
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 119, 132
Decimal	6718590
CIE <sub>Lab</sub>	52.77, -11.98, -0.27
CIE <sub>LCh</sub>	53, 11.982, 181.276
Yxy	20.8337, 0.2860, 0.3406
Android (android.graphics.Color)	4284908670 (0xFF66847E)
YUV	122.3460, 1.8014, -17.8434
Hunter-Lab	45.6439, -11.4526, 2.2852

# Details

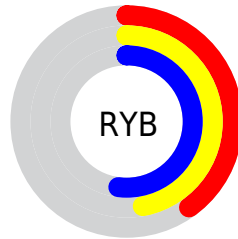
The Hex color **66847E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **84666C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9AB9B3**, and **36524D** is the 20% darker color. If you saturate the color by 10%, you get **59847B**, and if you desaturate by 10%, it is **738481**.

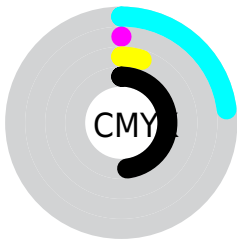
# Distribution



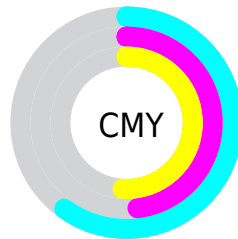
- Red (40%)
- Green (52%)
- Blue (49%)



- Red (40%)
- Yellow (47%)
- Blue (52%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66847E 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 66847E by changing the saturation by 10% instead.



66847E

66847E

FFFFFF

4E6B65

9AB9B3

36524D

B5D5CE

203B36

D0F1EA

092621

EDFFFF

00120A

000000

66847E

66847E

59847B

738481

4C8479

808483

■ 3E8476

■ 8E8486

■ 318473

■ 9B8489

■ 248471

■ A8848B

■ 17846E

■ B5848E

■ 0A846C

■ C28490

■ 00846A

■ D08493

■ DD8496

# Harmonies

## Analogous

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



6F8374



66847E



638488

# Triad

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



66847E



807B8F



8F7A6C

# Complementary

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



66847E



84666C

# 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.



947874



66847E



8C7888

# Square

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



66847E



737F92



93777E



867D69

# Rectangle

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



66847E



66828E



93777E



91796E



# Sweetspot

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



66847E



9FABA8



6C8466



505755



D6D6D6



575757



# Same Dimension

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



66847E



7DABA2



667B84



3C4241



008268



000302



# Inverse Universe

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



84666C



AB7D86



846F66



423C3D



82001A



030001



# Previews

## White Background



This preview shows how the Hex color 66847E looks on a white background.

## Color Contrast Check

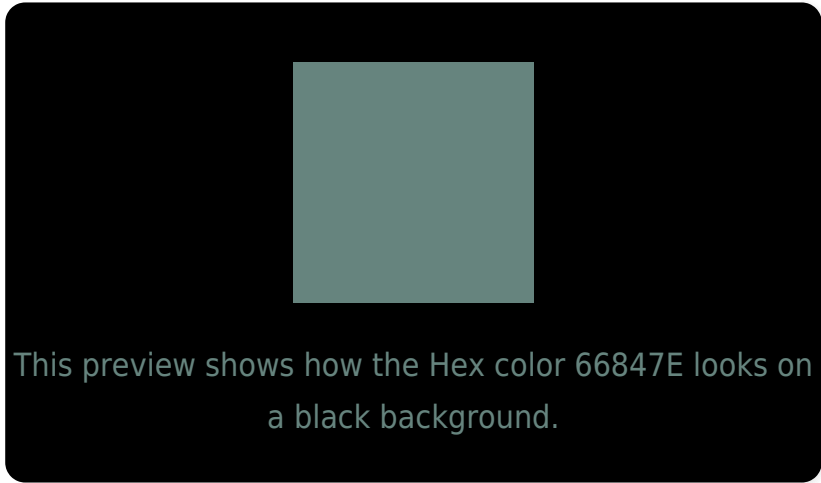
Large Text (above 18pt) WCAG AA ✓ Pass

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

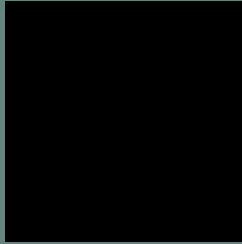
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 66847E Background



This preview shows how black text looks on a background with the Hex color 66847E.

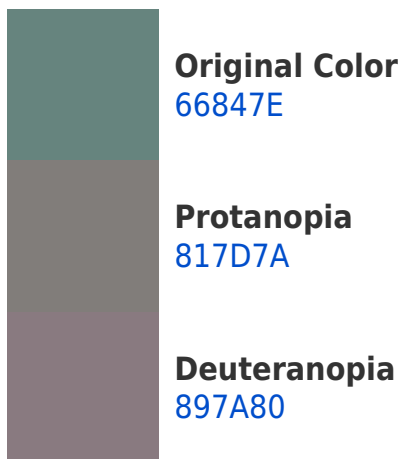



This preview shows how white text looks on a background with the Hex color 66847E.

# 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**  
69828C

# Trichromacy



**Original Color**  
66847E

**Protanomaly**  
77807B

**Deuteranomaly**  
7C7E7F

**Tritanomaly**  
688387

# Monochromacy



**Original Color**  
66847E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
737E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66847E 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 #66847E looks like.

```
.text, #text, p{  
    color:#66847E  
}
```

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 #66847E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66847E
}
```

## Border

The CSS property to change the border of an element to Hex 66847E is called "border". The border property can be set on classes, ids or directly on the HTML element.

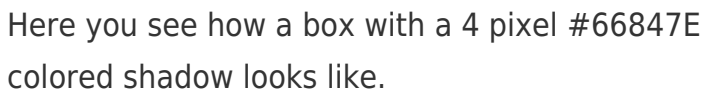
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66847E }
```

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

```
.border{ border-color:#66847E }
```

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



Here you see how a box with a 4 pixel #66847E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66847E; -webkit-box-shadow:4px 4px  
4px 4px #66847E; box-shadow:4px 4px 4px  
4px #66847E }
```

# Background

The CSS property to change the background color of an element to Hex 66847E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66847E }
```

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

```
.background{ background-color:#66847E }
```

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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