

# Converting Colors

Hex(65877E)

Have a look what the booklet for  
Hex(65877E) contains.

<b>Hex(65877E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(65877E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65877E
RGB	101, 135, 126
RGB Percent	40%, 53%, 49%
CMY	0.6039, 0.4706, 0.5059
CMYK	0.25, 0.00, 0.07, 0.47
HSL	164°, 14%, 46%
HSV	164°, 25%, 53%
XYZ	17.7967, 21.6010, 22.9701
YIQ	123.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

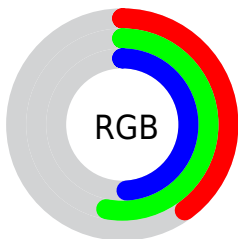
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 121, 135
Decimal	6653822
CIELab	53.60, -13.96, 0.94
CIELCh	54, 13.990, 176.138
Yxy	21.6010, 0.2854, 0.3463
Android (android.graphics.Color)	4284843902 (0xFF65877E)
YUV	123.8080, 1.0807, -20.0026
Hunter-Lab	46.4769, -12.9842, 3.2312

# Details

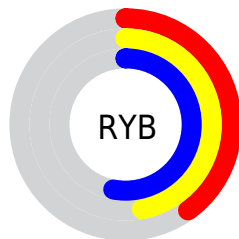
The Hex color **65877E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87656E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **99BCB3**, and **35554D** is the 20% darker color. If you saturate the color by 10%, you get **58877A**, and if you desaturate by 10%, it is **728782**.

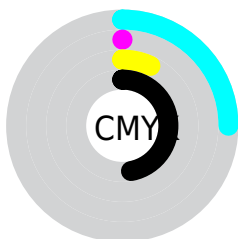
# Distribution



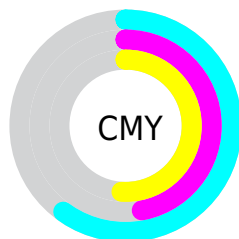
- Red (40%)
- Green (53%)
- Blue (49%)



- Red (40%)
- Yellow (47%)
- Blue (53%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (60%)
- Magenta (47%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65877E 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 65877E by changing the saturation by 10% instead.



65877E

65877E

FFFFFF

4C6E65

99BCB3

35554D

B4D8CE

1E3E36

CFF5EA

072821

ECFFFF

00150A

000000

65877E

65877E

58877A

728782

4A8777

808785

■ 3C8773

■ 8D8789

■ 2F8770

■ 9B878C

■ 21876C

■ A98790

■ 148769

■ B68793

■ 068765

■ C48797

■ 008763

■ D1879B

■ DF879E

# Harmonies

## Analogous

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



708672



65877E



60878A

# Triad

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



65877E



807E96



957B6D

# Complementary

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



65877E



87656E

# 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.



997876



65877E



8E7A8E

# Square

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



65877E



718298



977882



8B7F68

# Rectangle

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



65877E



628691



977882



977A6F



# Sweetspot

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



65877E



A2B0AC



6E8765



505957



D9D9D9



595959



# Same Dimension

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



65877E



7BB0A2



657F87



3C4241



008260



000302



# Inverse Universe

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



87656E



B07B89



876D65



423C3D



820022



030001



# Previews

## White Background



This preview shows how the Hex color 65877E looks on a white background.

## Color Contrast Check

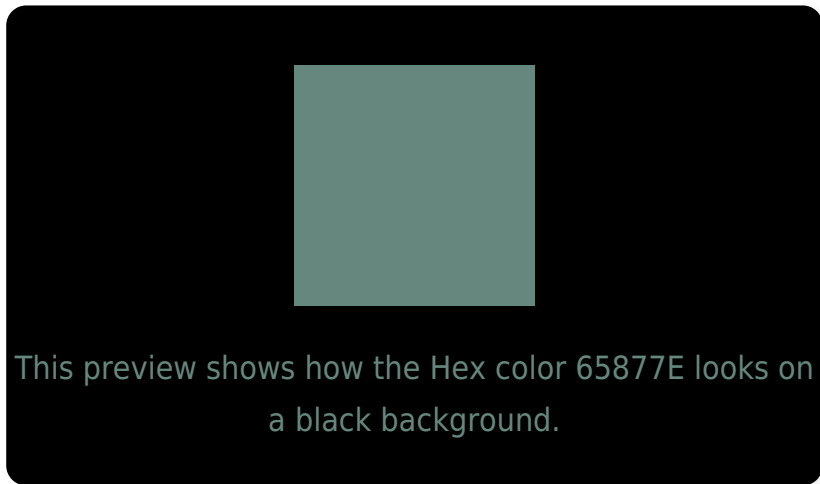
Large Text (above 18pt) WCAG AA ✓ Pass

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

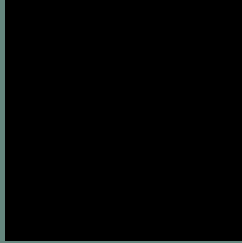
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65877E Background



This preview shows how black text looks on a background with the Hex color 65877E.

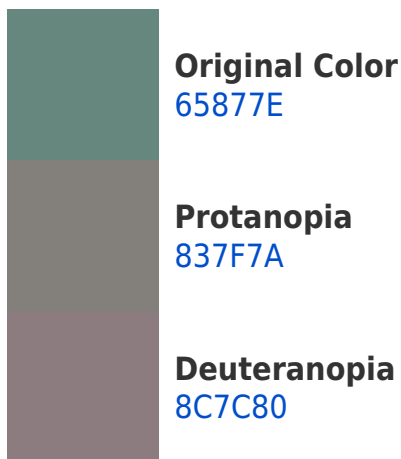



This preview shows how white text looks on a background with the Hex color 65877E.

# 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](#).

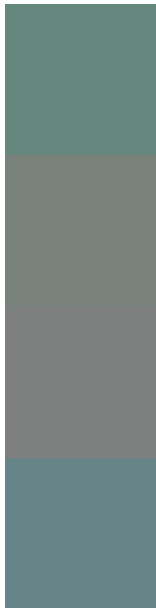
## Dichromacy





**Tritanopia**  
68848F

# Trichromacy



**Original Color**  
65877E

**Protanomaly**  
78827B

**Deuteranomaly**  
7E807F

**Tritanomaly**  
678589

# Monochromacy



**Original Color**  
65877E

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
74807D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65877E 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 #65877E looks like.

```
.text, #text, p{  
    color:#65877E  
}
```

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 #65877E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65877E
}
```

## Border

The CSS property to change the border of an element to Hex 65877E 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
#65877E }
```

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

```
.border{ border-color:#65877E }
```

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

Here you see how a box with a 4 pixel #65877E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65877E; -webkit-box-shadow:4px 4px  
4px 4px #65877E; box-shadow:4px 4px 4px  
4px #65877E }
```

# Background

The CSS property to change the background color of an element to Hex 65877E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65877E }
```

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

```
.background{ background-color:#65877E }
```

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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