

# Converting Colors

Hex(65837A)

Have a look what the booklet for  
Hex(65837A) contains.

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# Color

Hex(65837A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65837A
RGB	101, 131, 122
RGB Percent	40%, 51%, 48%
CMY	0.6039, 0.4863, 0.5216
CMYK	0.23, 0.00, 0.07, 0.49
HSL	162°, 13%, 45%
HSV	162°, 23%, 51%
XYZ	16.9960, 20.4044, 21.4550
YIQ	121.0040, -14.9910, -9.1590

# Conversions

## Conversions Part 2

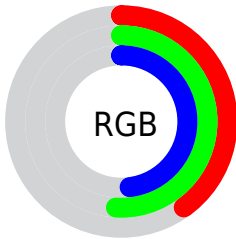
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 119, 131
Decimal	6652794
CIE <sub>Lab</sub>	52.29, -12.67, 1.36
CIE <sub>LCh</sub>	52, 12.742, 173.865
Y <sub>xy</sub>	20.4044, 0.2888, 0.3467
Android (android.graphics.Color)	4284842874 (0xFF65837A)
YUV	121.0040, 0.4910, -17.5435
Hunter-Lab	45.1713, -11.8880, 3.4589

# Details

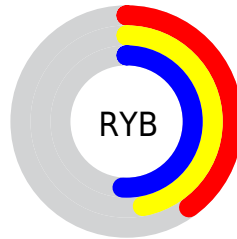
The Hex color **65837A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **83656E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **98B8AE**, and **355249** is the 20% darker color. If you saturate the color by 10%, you get **588376**, and if you desaturate by 10%, it is **72837E**.

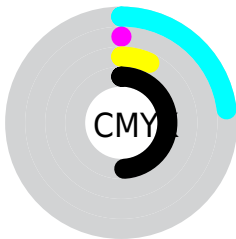
# Distribution



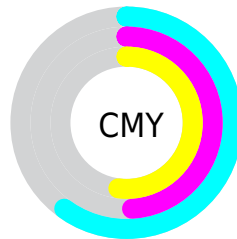
- Red (40%)
- Green (51%)
- Blue (48%)



- Red (40%)
- Yellow (47%)
- Blue (51%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65837A 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 65837A by changing the saturation by 10% instead.





65837A



65837A

FFFFFF



4D6A61



98B8AE



355249



B3D4CA



1F3A33



CFF0E6



09251E



EBFFFF



000F05



000000



65837A



65837A



588376



72837E



4B8372



7F8382

 3E836E

 8C8386

 31836A

 99838A

 248366

 A7838E

 168362

 B48392

 09835E

 C18396

 00835C

 CE8399

 DB839D

# Harmonies

## Analogous

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



6F8270



65837A



608385

# Triad

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



65837A



7C7B91



90786C

# Complementary

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



65837A



83656E

# 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.



947674



65837A



89778A

# Square

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



65837A



6E7E92



91757F



887B67

# Rectangle

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



65837A



61828B



91757F



92776E



# Sweetspot

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



65837A



9FABA7



6E8365



505755



D6D6D6



575757



# Same Dimension

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



65837A



7DAB9D



657D83



3C4240



00825B



000302



# Inverse Universe

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



83656E



AB7D8B



836B65



423C3E



820027



030001



# Previews

## White Background



This preview shows how the Hex color 65837A looks on a white background.

## Color Contrast Check

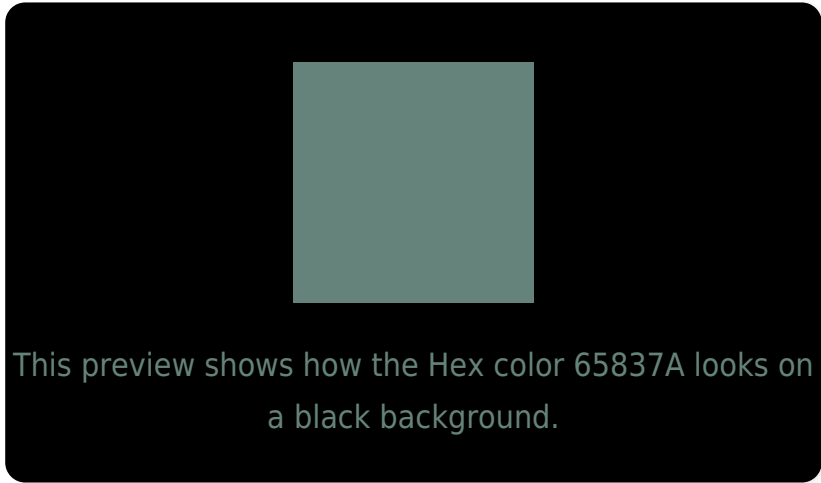
Large Text (above 18pt) WCAG AA ✓ Pass

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

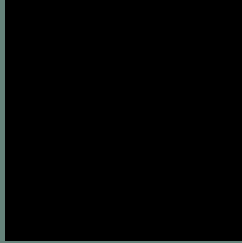
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65837A Background



This preview shows how black text looks on a background with the Hex color 65837A.

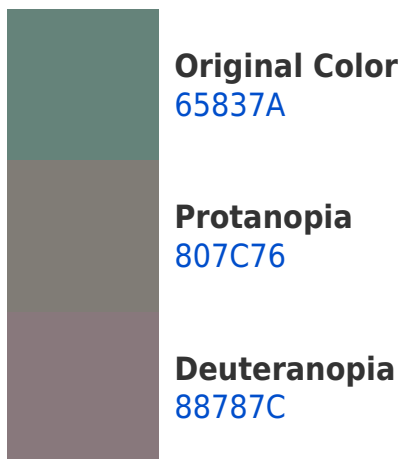


This preview shows how white text looks on a background with the Hex color 65837A.

# 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**  
68818B

# Trichromacy



**Original Color**  
65837A

**Protanomaly**  
767F77

**Deuteranomaly**  
7B7C7B

**Tritanomaly**  
678285

# Monochromacy



**Original Color**  
65837A

**Achromatopsia**  
797979

**Achromatomaly**  
727D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65837A 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 #65837A looks like.

```
.text, #text, p{  
    color:#65837A  
}
```

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 #65837A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65837A
}
```

## Border

The CSS property to change the border of an element to Hex 65837A 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
#65837A }
```

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

```
.border{ border-color:#65837A }
```

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

Here you see how a box with a 4 pixel #65837A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65837A; -webkit-box-shadow:4px 4px  
4px 4px #65837A; box-shadow:4px 4px 4px  
4px #65837A }
```

# Background

The CSS property to change the background color of an element to Hex 65837A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65837A }
```

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

```
.background{ background-color:#65837A }
```

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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