

# Converting Colors

Hex(67967E)

Have a look what the booklet for  
Hex(67967E) contains.

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# Color

Hex(67967E)

# Conversions

## Conversions Part 1

Format	Color
Hex	67967E
RGB	103, 150, 126
RGB Percent	40%, 59%, 49%
CMY	0.5961, 0.4118, 0.5059
CMYK	0.31, 0.00, 0.16, 0.41
HSL	149°, 19%, 50%
HSV	149°, 31%, 59%
XYZ	20.2658, 26.2026, 23.7282
YIQ	133.2110, -20.3080, -17.4280

# Conversions

## Conversions Part 2

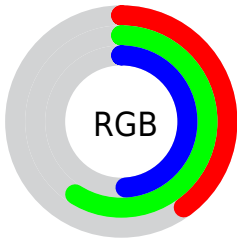
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 135, 150
Decimal	6788734
CIELab	58.23, -21.25, 7.63
CIElCh	58, 22.573, 160.255
Yxy	26.2026, 0.2887, 0.3733
Android (android.graphics.Color)	4284978814 (0xFF67967E)
YUV	133.2110, -3.5550, -26.4950
Hunter-Lab	51.1885, -18.9109, 8.3484

# Details

The Hex color **67967E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96677F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9BCCB3**, and **36634D** is the 20% darker color. If you saturate the color by 10%, you get **589676**, and if you desaturate by 10%, it is **769686**.

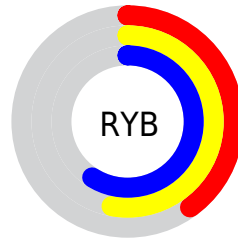
# Distribution



Red (40%)

Green (59%)

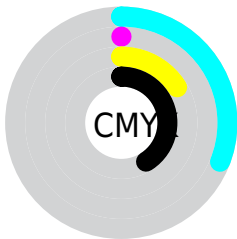
Blue (49%)



Red (40%)

Yellow (53%)

Blue (59%)

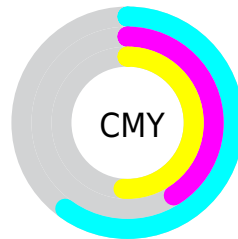


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (41%)



Cyan (60%)

Magenta (41%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67967E 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 67967E by changing the saturation by 10% instead.





67967E



67967E

FFFFFF



4E7C65



9BCCB3



36634D



B7E9CE



1D4B36



D3FFEA



033421



FFFFFF



001F0A



000000



67967E



67967E



589676



769686



49966F



85968D

 3A9667

 949695

 2B965F

 A3969D

 1C9658

 B296A4

 0D9650

 C196AC

 009649

 D096B4

 DF96BB

 EE96C3

# Harmonies

## Analogous

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



7D926D



67967E



559792

# Triad

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



67967E



7D8BB3



B28073

# Complementary

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



67967E



96677F

# 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.



B47E86



67967E



9885AA

# Square

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



67967E



6292B1



AB7F9A



A68667

# Rectangle

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



67967E



51969F



AB7F9A



B37F79



# Sweetspot

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



67967E



B0C2B9



7F9667



56615B



E0E0E0



616161



# Same Dimension

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



67967E



78C29C



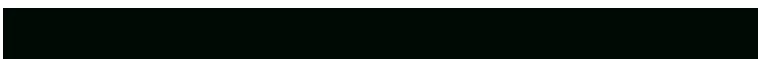
679695



434A46



008A43



000A05



# Inverse Universe

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



96677F



C2789E



966768



4A4346



8A0046



0A0005



# Previews

## White Background



This preview shows how the Hex color 67967E looks on a white background.

## Color Contrast Check

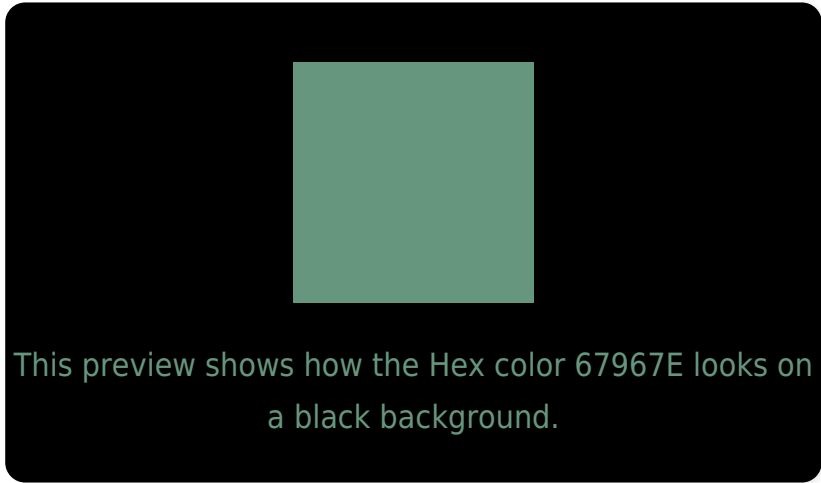
Large Text (above 18pt) WCAG AA ✓ Pass

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

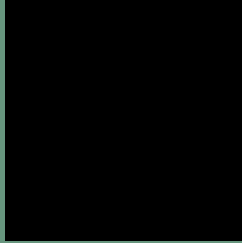
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 67967E Background



This preview shows how black text looks on a background with the Hex color 67967E.




This preview shows how white text looks on a background with the Hex color 67967E.

# 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](#).

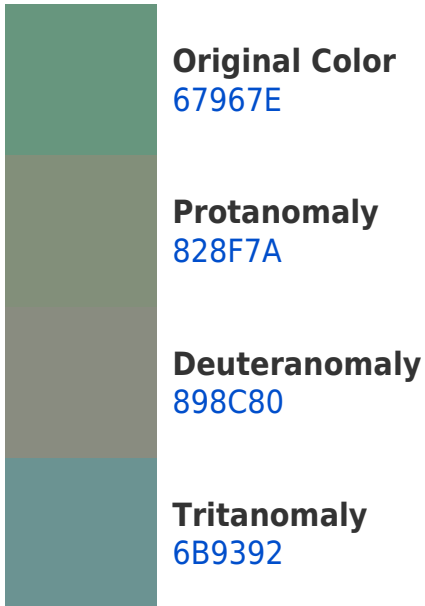
## Dichromacy





**Tritanopia**  
6E929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67967E 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 #67967E looks like.

```
.text, #text, p{  
    color:#67967E  
}
```

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 #67967E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67967E
}
```

## Border

The CSS property to change the border of an element to Hex 67967E 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
#67967E }
```

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

```
.border{ border-color:#67967E }
```

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

Here you see how a box with a 4 pixel #67967E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67967E; -webkit-box-shadow:4px 4px  
4px 4px #67967E; box-shadow:4px 4px 4px  
4px #67967E }
```

# Background

The CSS property to change the background color of an element to Hex 67967E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67967E }
```

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

```
.background{ background-color:#67967E }
```

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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