

# Converting Colors

Hex(65997F)

Have a look what the booklet for  
Hex(65997F) contains.

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# Color

Hex(65997F)

# Conversions

## Conversions Part 1

Format	Color
Hex	65997F
RGB	101, 153, 127
RGB Percent	40%, 60%, 50%
CMY	0.6039, 0.4000, 0.5020
CMYK	0.34, 0.00, 0.17, 0.40
HSL	150°, 20%, 50%
HSV	150°, 34%, 60%
XYZ	20.5888, 27.0815, 24.2208
YIQ	134.4880, -22.6460, -19.1100

# Conversions

## Conversions Part 2

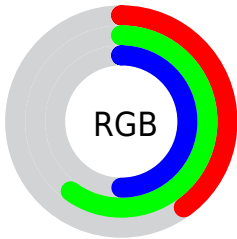
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 136, 153
Decimal	6658431
CIELab	59.05, -23.20, 8.21
CIElCh	59, 24.615, 160.508
Yxy	27.0815, 0.2864, 0.3767
Android (android.graphics.Color)	4284848511 (0xFF65997F)
YUV	134.4880, -3.6916, -29.3690
Hunter-Lab	52.0399, -20.4488, 8.8327

# Details

The Hex color **65997F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99657F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9AD0B4**, and **33664E** is the 20% darker color. If you saturate the color by 10%, you get **569977**, and if you desaturate by 10%, it is **749987**.

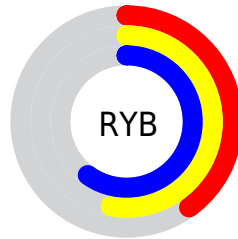
# Distribution



Red (40%)

Green (60%)

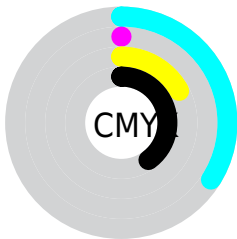
Blue (50%)



Red (40%)

Yellow (53%)

Blue (60%)

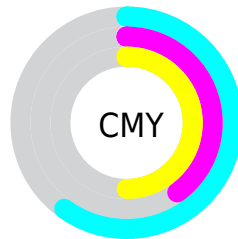


Cyan (34%)

Magenta (0%)

Yellow (17%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65997F 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 65997F by changing the saturation by 10% instead.



65997F

65997F

FFFFFF

4C7F66

9AD0B4

33664E

B5ECCF

1A4D37

D1FFEB

003622

EDFFFF

00210C

000000

65997F

65997F

569977

749987

469970

84998E

379968

939996

289960

A2999E

199959

B199A5

099951

C199AD

00994D

D099B5

DF99BC

EF99C4

# Harmonies

## Analogous

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



7E956D



65997F



519A95

# Triad

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



65997F



7E8EB8



B78173

# Complementary

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



65997F



99657F

# 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.



B97E87



65997F



9B86AF

# Square

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



65997F



5F94B6



B0809D



AA8866

# Rectangle

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



65997F



4B99A3



B0809D



B98079



# Sweetspot

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



65997F



B3C7BD



7F9965



58635D



E3E3E3



636363



# Same Dimension

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



65997F



75C79E



659999



454D49



008C46



000D06



# Inverse Universe

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



99657F



C7759E



996565



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 65997F looks on a white background.

## Color Contrast Check

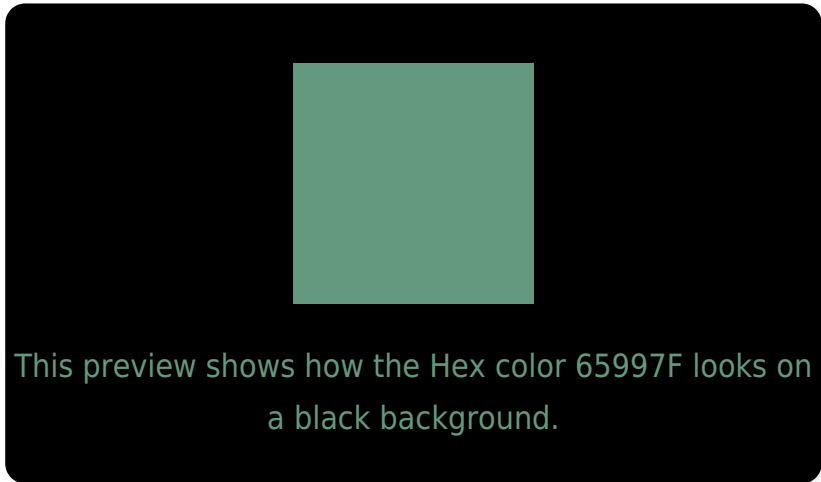
Large Text (above 18pt) WCAG AA ✓ Pass

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

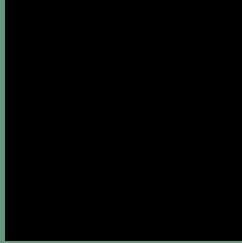
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65997F Background



This preview shows how black text looks on a background with the Hex color 65997F.

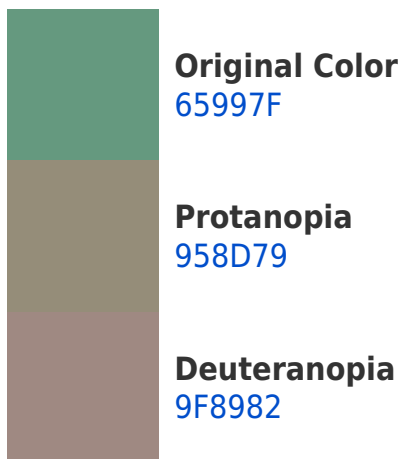


This preview shows how white text looks on a background with the Hex color 65997F.

# 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](#).

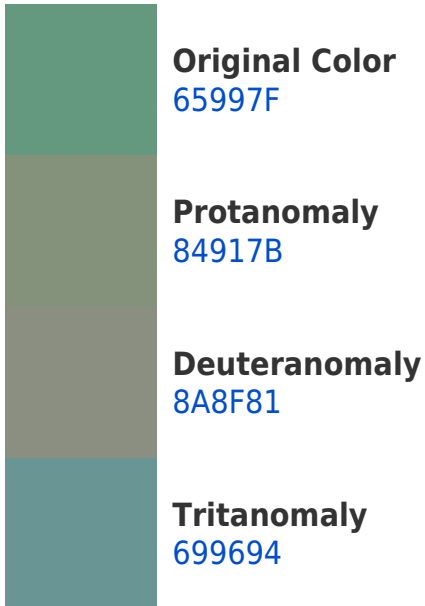
## Dichromacy



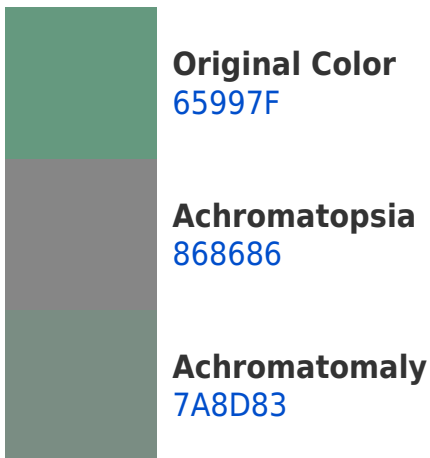


**Tritanopia**  
6C94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65997F 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 #65997F looks like.

```
.text, #text, p{  
    color:#65997F  
}
```

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 #65997F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65997F
}
```

## Border

The CSS property to change the border of an element to Hex 65997F 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
#65997F }
```

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

```
.border{ border-color:#65997F }
```

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

Here you see how a box with a 4 pixel #65997F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65997F; -webkit-box-shadow:4px 4px  
4px 4px #65997F; box-shadow:4px 4px 4px  
4px #65997F }
```

# Background

The CSS property to change the background color of an element to Hex 65997F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65997F }
```

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

```
.background{ background-color:#65997F }
```

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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