

# Converting Colors

Hex(65947D)

Have a look what the booklet for  
Hex(65947D) contains.

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**Color**

**Hex(65947D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65947D
RGB	101, 148, 125
RGB Percent	40%, 58%, 49%
CMY	0.6039, 0.4196, 0.5098
CMYK	0.32, 0.00, 0.16, 0.42
HSL	151°, 19%, 49%
HSV	151°, 32%, 58%
XYZ	19.6584, 25.4272, 23.2739
YIQ	131.3250, -20.6290, -17.1170

# Conversions

## Conversions Part 2

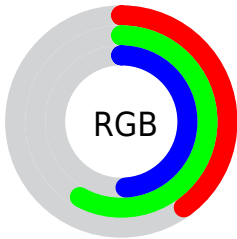
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 132, 148
Decimal	6657149
CIELab	57.49, -21.07, 7.12
CIELCh	57, 22.243, 161.322
Yxy	25.4272, 0.2876, 0.3720
Android (android.graphics.Color)	4284847229 (0xFF65947D)
YUV	131.3250, -3.1182, -26.5950
Hunter-Lab	50.4254, -18.6559, 7.9324

# Details

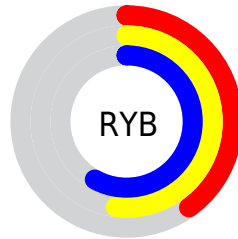
The Hex color **65947D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **94657C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **99CAB2**, and **34614C** is the 20% darker color. If you saturate the color by 10%, you get **569476**, and if you desaturate by 10%, it is **749484**.

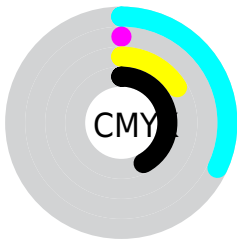
# Distribution



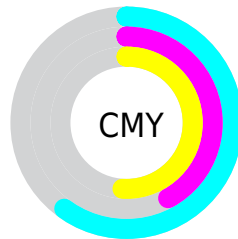
- Red (40%)
- Green (58%)
- Blue (49%)



- Red (40%)
- Yellow (52%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65947D 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 65947D by changing the saturation by 10% instead.





65947D



65947D

FFFFFF



4C7A64



99CAB2



34614C



B4E6CD



1C4935



D0FFE9



013220



EDFFFF



001E09



000000



65947D



65947D



569476



749484



47946F



83948B

 399467

 919493

 2A9460

 A0949A

 1B9459

 AF94A1

 0C9452

 BE94A8

 00944C

 CD94B0

 DB94B7

 EA94BE

# Harmonies

## Analogous

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



7B916C



65947D



549591

# Triad

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



65947D



7C89B0



AF7F71

# Complementary

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



65947D



94657C

# 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.



B17C83



65947D



9683A7

# Square

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



65947D



628FAE



A97D97



A38566

# Rectangle

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



65947D



50949E



A97D97



B17D77



# Sweetspot

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



65947D



ACBFB6



7D9465



55615B



E0E0E0



616161



# Same Dimension

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



65947D



77BF9C



659494



434A46



008A46



000A05



# Inverse Universe

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



94657C



BF779A



946565



4A4346



8A0043



0A0005



# Previews

## White Background



This preview shows how the Hex color 65947D looks on a white background.

## Color Contrast Check

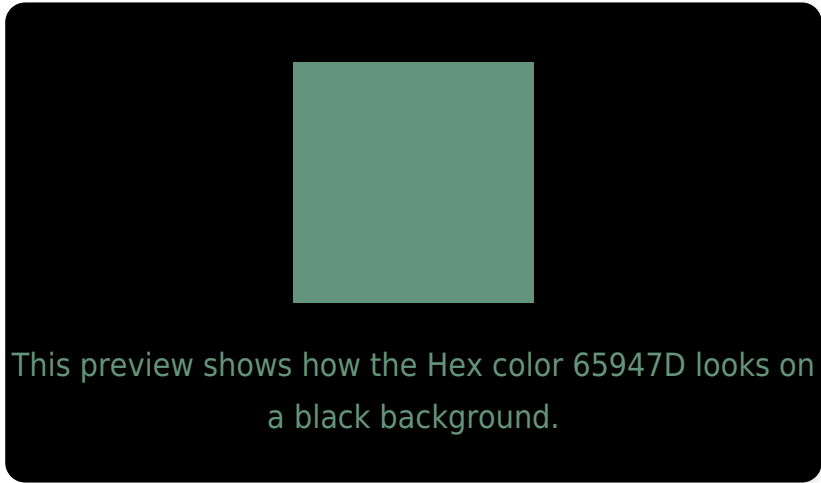
Large Text (above 18pt) WCAG AA ✓ Pass

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

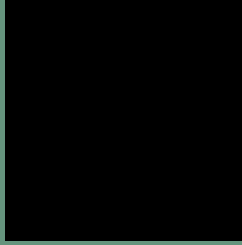
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65947D Background



This preview shows how black text looks on a background with the Hex color 65947D.



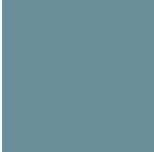
This preview shows how white text looks on a background with the Hex color 65947D.

# 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](#).

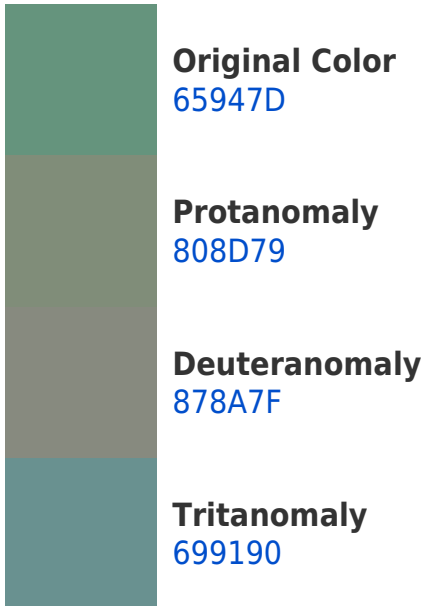
## Dichromacy



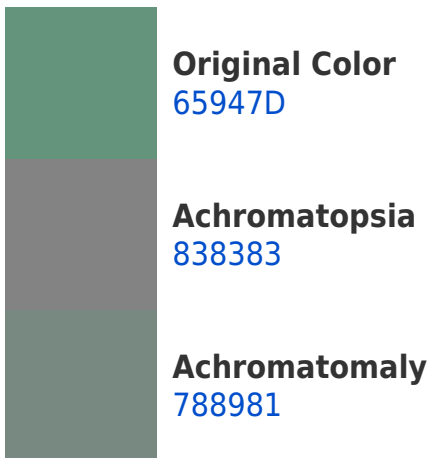


**Tritanopia**  
6B909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65947D 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 #65947D looks like.

```
.text, #text, p{  
    color:#65947D  
}
```

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 #65947D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65947D
}
```

## Border

The CSS property to change the border of an element to Hex 65947D 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
#65947D }
```

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

```
.border{ border-color:#65947D }
```

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

Here you see how a box with a 4 pixel #65947D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65947D; -webkit-box-shadow:4px 4px  
4px 4px #65947D; box-shadow:4px 4px 4px  
4px #65947D }
```

# Background

The CSS property to change the background color of an element to Hex 65947D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65947D }
```

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

```
.background{ background-color:#65947D }
```

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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