

# Converting Colors

Hex(6C947A)

Have a look what the booklet for  
Hex(6C947A) contains.

<b>Hex(6C947A)</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(6C947A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C947A
RGB	108, 148, 122
RGB Percent	42%, 58%, 48%
CMY	0.5765, 0.4196, 0.5216
CMYK	0.27, 0.00, 0.18, 0.42
HSL	141°, 16%, 50%
HSV	141°, 27%, 58%
XYZ	20.2871, 25.7731, 22.3178
YIQ	133.0760, -15.4940, -16.5660

# Conversions

## Conversions Part 2

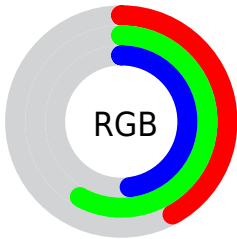
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 138, 148
Decimal	7115898
CIELab	57.82, -19.38, 9.36
CIELCh	58, 21.523, 154.234
Yxy	25.7731, 0.2967, 0.3769
Android (android.graphics.Color)	4285305978 (0xFF6C947A)
YUV	133.0760, -5.4605, -21.9917
Hunter-Lab	50.7672, -17.5122, 9.4725

# Details

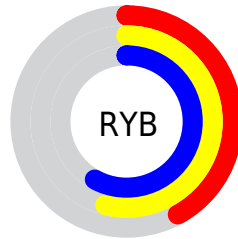
The Hex color **6C947A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **946C86**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A0CAAE**, and **3B6149** is the 20% darker color. If you saturate the color by 10%, you get **5D9470**, and if you desaturate by 10%, it is **7B9484**.

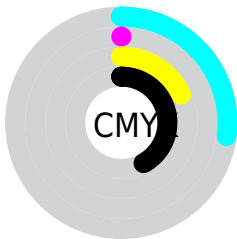
# Distribution



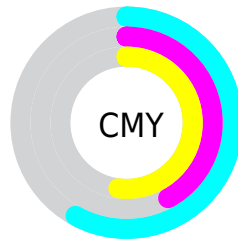
- Red (42%)
- Green (58%)
- Blue (48%)



- Red (42%)
- Yellow (54%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C947A 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 6C947A by changing the saturation by 10% instead.





6C947A



6C947A

FFFFFF



537A61



A0CAAEE



3B6149



BCE6CA



244933



D8FFE6



0C321E



F4FFFF



001E05



000000



6C947A



6C947A



5D9470



7B9484



4E9467



8A948D

■ 40945D

■ 989497

■ 319454

■ A794A0

■ 22944A

■ B694AA

■ 139440

■ C594B4

■ 049437

■ D494BD

■ 009434

■ E294C7

■ F194D1

# Harmonies

## Analogous

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



82906B



6C947A



5A968D

# Triad

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



6C947A



788CB0



B07F77

# Complementary

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



6C947A



946C86

# 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.



B07D89



6C947A



9185AA

# Square

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



6C947A



5F91AC



A5809C



A7846A

# Rectangle

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



6C947A



54959A



A5809C



B17E7C



# Sweetspot

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



6C947A



B0FBF5



86946C



57615B



E0E0E0



616161



# Same Dimension

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



6C947A



82BF97



6C948E



434A45



008A30



000A04



# Inverse Universe

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



946C86



BF82AA



946C72



4A4347



8A005A



0A0007



# Previews

## White Background



This preview shows how the Hex color 6C947A looks on a white background.

## Color Contrast Check

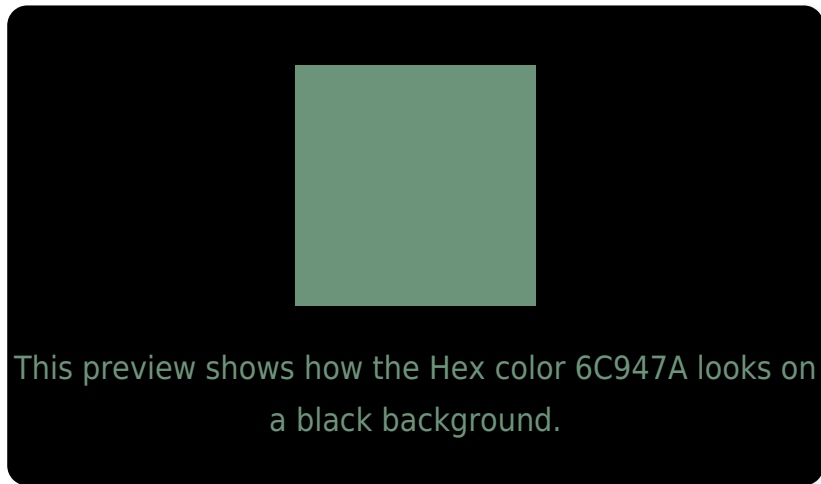
Large Text (above 18pt) WCAG AA ✓ Pass

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

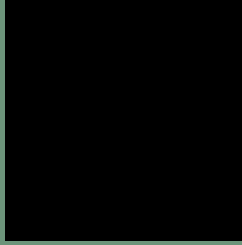
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C947A Background



This preview shows how black text looks on a background with the Hex color 6C947A.

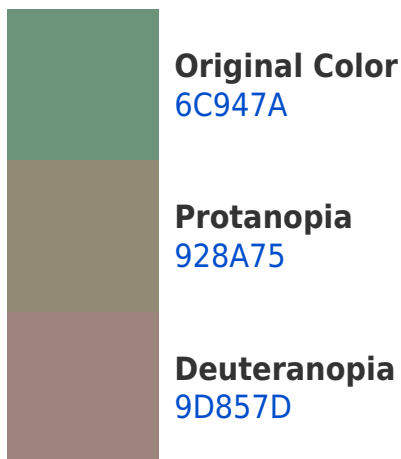


This preview shows how white text looks on a background with the Hex color 6C947A.

# 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](#).

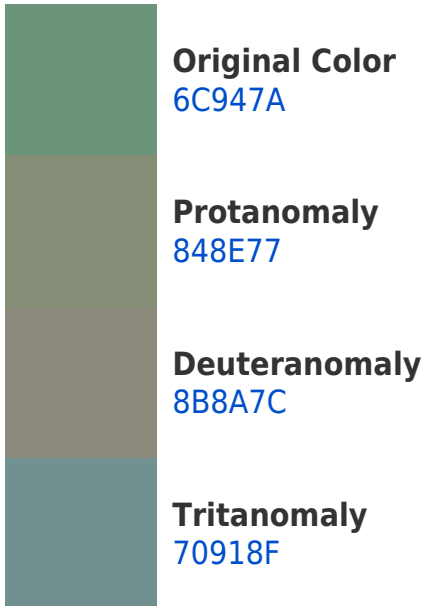
## Dichromacy



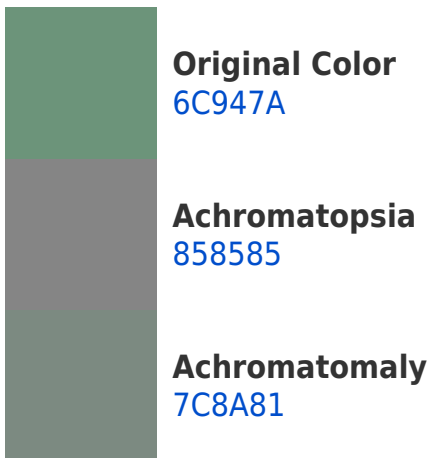


**Tritanopia**  
728F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C947A 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 #6C947A looks like.

```
.text, #text, p{  
    color:#6C947A  
}
```

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 #6C947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C947A
}
```

## Border

The CSS property to change the border of an element to Hex 6C947A 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
#6C947A }
```

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

```
.border{ border-color:#6C947A }
```

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

Here you see how a box with a 4 pixel #6C947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C947A; -webkit-box-shadow:4px 4px  
4px 4px #6C947A; box-shadow:4px 4px 4px  
4px #6C947A }
```

# Background

The CSS property to change the background color of an element to Hex 6C947A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C947A }
```

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

```
.background{ background-color:#6C947A }
```

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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