

# Converting Colors

Hex(6A977A)

Have a look what the booklet for  
Hex(6A977A) contains.

<b>Hex(6A977A)</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(6A977A)

# Conversions

## Conversions Part 1

Format	Color
Hex	6A977A
RGB	106, 151, 122
RGB Percent	42%, 59%, 48%
CMY	0.5843, 0.4078, 0.5216
CMYK	0.30, 0.00, 0.19, 0.41
HSL	141°, 18%, 50%
HSV	141°, 30%, 59%
XYZ	20.5233, 26.6025, 22.4655
YIQ	134.2390, -17.5110, -18.5590

# Conversions

## Conversions Part 2

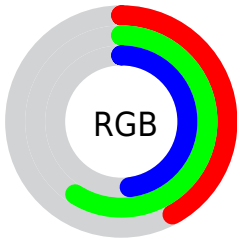
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 139, 151
Decimal	6985594
CIELab	58.60, -21.60, 10.45
CIELCh	59, 23.998, 154.193
Yxy	26.6025, 0.2949, 0.3823
Android (android.graphics.Color)	4285175674 (0xFF6A977A)
YUV	134.2390, -6.0338, -24.7656
Hunter-Lab	51.5776, -19.2337, 10.2796

# Details

The Hex color **6A977A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **976A87**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9ECDAE**, and **396449** is the 20% darker color. If you saturate the color by 10%, you get **5B9770**, and if you desaturate by 10%, it is **799784**.

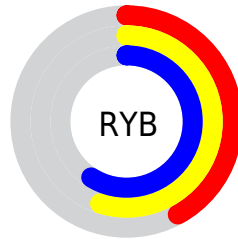
# Distribution



Red (42%)

Green (59%)

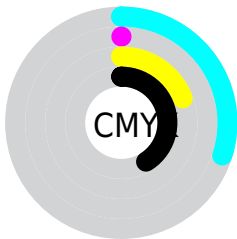
Blue (48%)



Red (42%)

Yellow (55%)

Blue (59%)

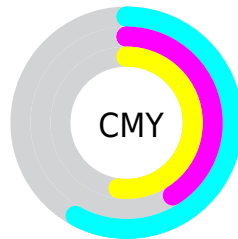


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A977A 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 6A977A by changing the saturation by 10% instead.





6A977A



6A977A

FFFFFF



517D61



9ECDAE



396449



BAEACA



214C33



D6FFE6



07351D



F2FFFF



002005



000000



6A977A



6A977A



5B9770



799784



4C9767



88978D

■ 3D975D

■ 979797

■ 2E9753

■ A697A1

■ 1E9749

■ B697AB

■ 0F9740

■ C597B4

■ 009736

■ D497BE

■ E397C8

■ F297D2

# Harmonies

## Analogous

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



82936A



6A977A



55998F

# Triad

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



6A977A



778EB7



B68076

# Complementary

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



6A977A



976A87

# 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.



B67D8B



6A977A



9487B0

# Square

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



6A977A



5A94B2



AA80A0



AB8568

# Rectangle

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



6A977A



4D989D



AA80A0



B77E7D



# Sweetspot

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



6A977A



B3C4B9



87976A



59635C



E3E3E3



636363



# Same Dimension

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



6A977A



7EC497



6A9790



454D48



008C32



000D05



# Inverse Universe

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



976A87



C47EAB



976A71



4D454A



8C005A



0D0008



# Previews

## White Background



This preview shows how the Hex color 6A977A looks on a white background.

## Color Contrast Check

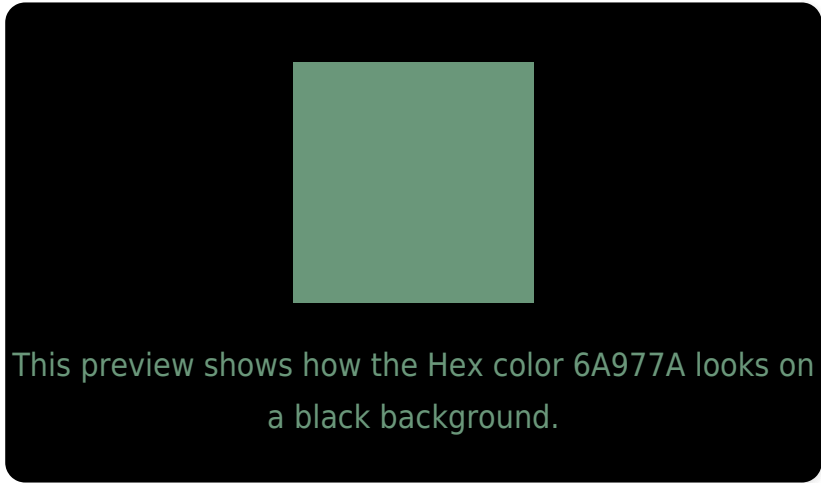
Large Text (above 18pt) WCAG AA ✓ Pass

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

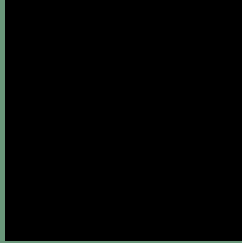
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A977A Background



This preview shows how black text looks on a background with the Hex color 6A977A.



This preview shows how white text looks on a background with the Hex color 6A977A.

# 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](#).

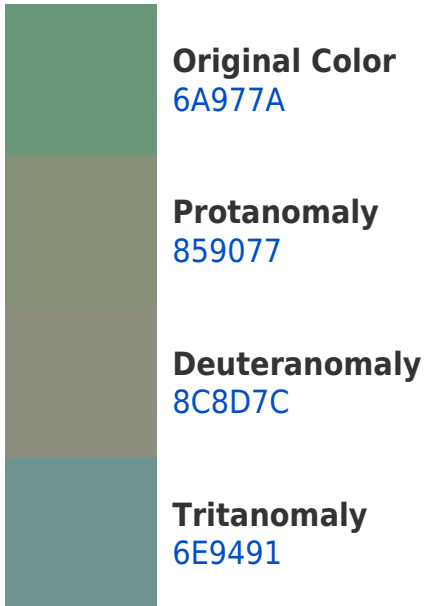
## Dichromacy





**Tritanopia**  
71929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A977A 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 #6A977A looks like.

```
.text, #text, p{  
    color:#6A977A  
}
```

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 #6A977A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A977A
}
```

## Border

The CSS property to change the border of an element to Hex 6A977A 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
#6A977A }
```

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

```
.border{ border-color:#6A977A }
```

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

Here you see how a box with a 4 pixel #6A977A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A977A; -webkit-box-shadow:4px 4px  
4px 4px #6A977A; box-shadow:4px 4px 4px  
4px #6A977A }
```

# Background

The CSS property to change the background color of an element to Hex 6A977A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A977A }
```

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

```
.background{ background-color:#6A977A }
```

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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