

# Converting Colors

Hex(6C9981)

Have a look what the booklet for  
Hex(6C9981) contains.

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# Color

Hex(6C9981)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C9981
RGB	108, 153, 129
RGB Percent	42%, 60%, 51%
CMY	0.5765, 0.4000, 0.4941
CMYK	0.29, 0.00, 0.16, 0.40
HSL	148°, 18%, 51%
HSV	148°, 29%, 60%
XYZ	21.5380, 27.5556, 24.9525
YIQ	136.8090, -19.1160, -17.0040

# Conversions

## Conversions Part 2

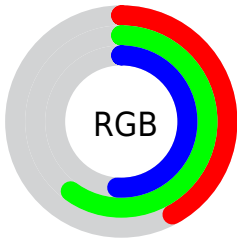
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 139, 153
Decimal	7117185
CIELab	59.49, -20.54, 7.76
CIElCh	59, 21.952, 159.309
Yxy	27.5556, 0.2909, 0.3721
Android (android.graphics.Color)	4285307265 (0xFF6C9981)
YUV	136.8090, -3.8498, -25.2655
Hunter-Lab	52.4934, -18.6250, 8.5622

# Details

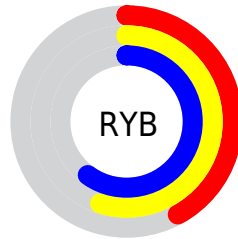
The Hex color **6C9981** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **996C84**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A1D0B6**, and **3B6650** is the 20% darker color. If you saturate the color by 10%, you get **5D9979**, and if you desaturate by 10%, it is **7B9989**.

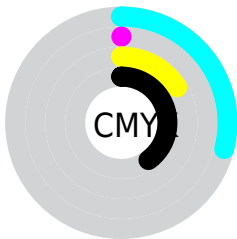
# Distribution



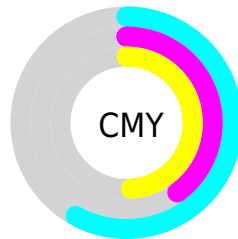
- Red (42%)
- Green (60%)
- Blue (51%)



- Red (42%)
- Yellow (55%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9981 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 6C9981 by changing the saturation by 10% instead.





6C9981



6C9981

FFFFFF



537F68



A1D0B6



3B6650



BCECD1



234E39



D8FFEE



093623



F5FFFF



00210E



000000



6C9981



6C9981



5D9979



7B9989



4D9971



8B9991

■ 3E9969

■ 9A9999

■ 2F9960

■ A999A2

■ 209958

■ B999AA

■ 109950

■ C899B2

■ 019948

■ D799BA

■ 009947

■ E699C2

■ F699CA

# Harmonies

## Analogous

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



829571



6C9981



5B9A95

# Triad

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



6C9981



808FB5



B48478

# Complementary

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



6C9981



996C84

# 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.



B6818A



6C9981



9A88AD

# Square

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



6C9981



6695B3



AD839D



A9896C

# Rectangle

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



6C9981



579AA1



AD839D



B6837D



# Sweetspot

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



6C9981



B5C7BD



84996C



59635E



E3E3E3



636363



# Same Dimension

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



6C9981



81C7A2



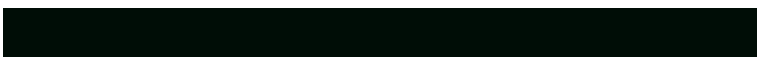
6C9998



454D48



008C41



000D06



# Inverse Universe

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



996C84



C781A6



996C6D



4D4549



8C004B



0D0007



# Previews

## White Background



This preview shows how the Hex color 6C9981 looks on a white background.

## Color Contrast Check

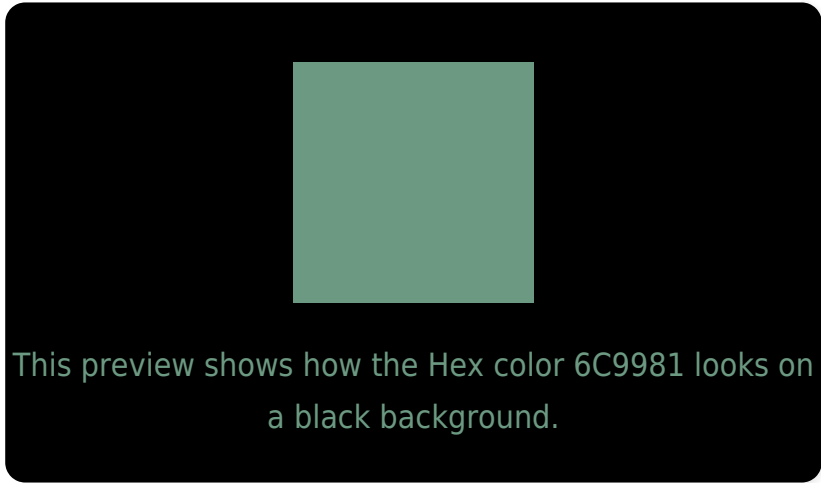
Large Text (above 18pt) WCAG AA ✓ Pass

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

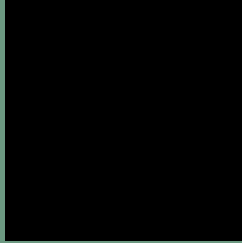
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C9981 Background



This preview shows how black text looks on a background with the Hex color 6C9981.

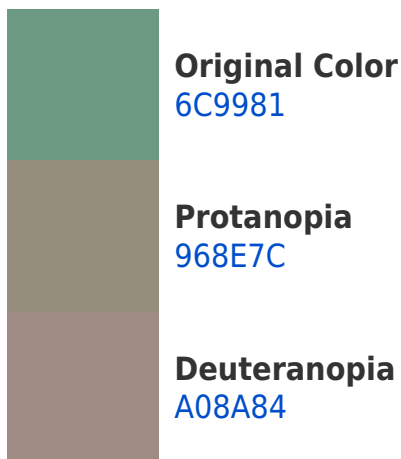


This preview shows how white text looks on a background with the Hex color 6C9981.

# 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**  
7295A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9981 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 #6C9981 looks like.

```
.text, #text, p{  
    color:#6C9981  
}
```

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 #6C9981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9981
}
```

## Border

The CSS property to change the border of an element to Hex 6C9981 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
#6C9981 }
```

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

```
.border{ border-color:#6C9981 }
```

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

Here you see how a box with a 4 pixel #6C9981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9981; -webkit-box-shadow:4px 4px  
4px 4px #6C9981; box-shadow:4px 4px 4px  
4px #6C9981 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9981 }
```

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

```
.background{ background-color:#6C9981 }
```

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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