

# Converting Colors

Hex(6A9794)

Have a look what the booklet for  
Hex(6A9794) contains.

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# Color

Hex(6A9794)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A9794
RGB	106, 151, 148
RGB Percent	42%, 59%, 58%
CMY	0.5843, 0.4078, 0.4196
CMYK	0.30, 0.00, 0.02, 0.41
HSL	176°, 18%, 50%
HSV	176°, 30%, 59%
XYZ	22.3558, 27.3355, 32.1150
YIQ	137.2030, -25.8570, -10.4730

# Conversions

## Conversions Part 2

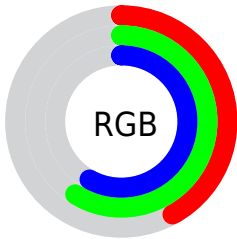
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 129, 151
Decimal	6985620
CIE <sub>Lab</sub>	59.28, -15.86, -3.33
CIE <sub>LCh</sub>	59, 16.203, 191.866
Yxy	27.3355, 0.2733, 0.3341
Android (android.graphics.Color)	4285175700 (0xFF6A9794)
YUV	137.2030, 5.3229, -27.3650
Hunter-Lab	52.2834, -15.1714, 0.1796

# Details

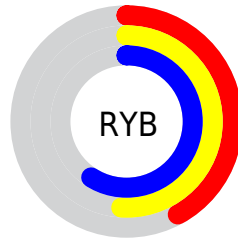
The Hex color **6A9794** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **976A6D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9FCDCA**, and **386461** is the 20% darker color. If you saturate the color by 10%, you get **5B9793**, and if you desaturate by 10%, it is **799795**.

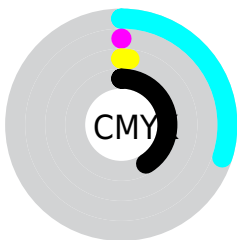
# Distribution



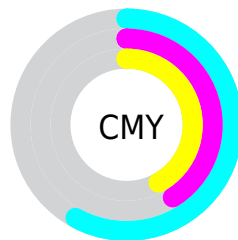
- Red (42%)
- Green (59%)
- Blue (58%)



- Red (42%)
- Yellow (51%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9794 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 6A9794 by changing the saturation by 10% instead.





6A9794



6A9794

FFFFFF



517D7A



9FCDCA



386461



BAEAE6



1F4C4A



D6FFFF



043533



F3FFFF



00201E



000005



000000



6A9794



6A9794



5B9793



799795

■ 4C9792

■ 889796

■ 3D9791

■ 979797

■ 2E9790

■ A69798

■ 1E978F

■ B69799

■ 0F978E

■ C5979A

■ 00978D

■ D4979B

■ E3979C

■ F2979D

# Harmonies

## Analogous

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



749685



6A9794



6996A1

# Triad

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



6A9794



9889A4



A28B74

# Complementary

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



6A9794



976A6D

# 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.



AB877C



6A9794



A68698

# Square

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



6A9794



868EAA



AC8589



949073

# Rectangle

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



6A9794



7094A7



AC8589



A58976



# Sweetspot

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



6A9794



B3C4C3



6D976A



596363



E3E3E3



636363



# Same Dimension

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



6A9794



7EC4C0



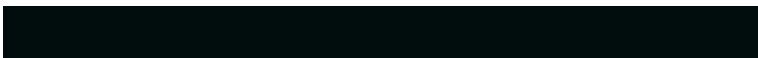
6A8497



454D4C



008C83



000D0C



# Inverse Universe

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



976A6D



C47E82



977E6A



4D4545



8C0009



0D0001



# Previews

## White Background



This preview shows how the Hex color 6A9794 looks on a white background.

## Color Contrast Check

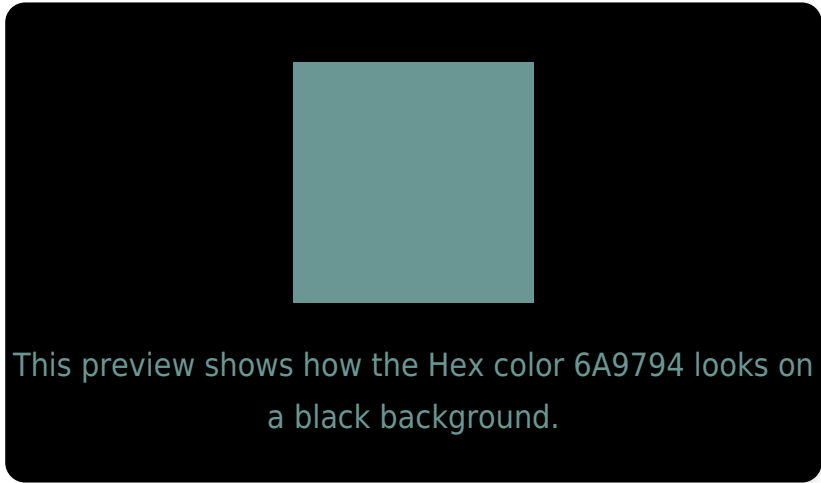
Large Text (above 18pt) WCAG AA ✓ Pass

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

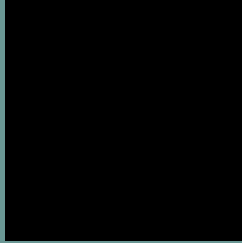
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A9794 Background



This preview shows how black text looks on a background with the Hex color 6A9794.

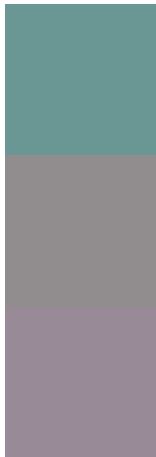


This preview shows how white text looks on a background with the Hex color 6A9794.

# 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



**Original Color**  
6A9794

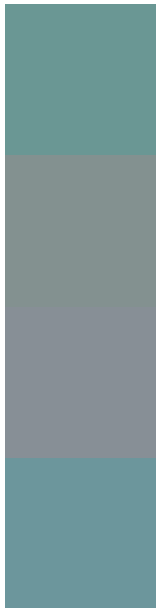
**Protanopia**  
918D8E

**Deuteranopia**  
988A97



**Tritanopia**  
6D95A1

# Trichromacy



**Original Color**  
6A9794

**Protanomaly**  
839190

**Deuteranomaly**  
878F96

**Tritanomaly**  
6C969C

# Monochromacy



**Original Color**  
6A9794

**Achromatopsia**  
898989

**Achromatomaly**  
7E8E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9794 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 #6A9794 looks like.

```
.text, #text, p{  
    color:#6A9794  
}
```

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 #6A9794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9794
}
```

## Border

The CSS property to change the border of an element to Hex 6A9794 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
#6A9794 }
```

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

```
.border{ border-color:#6A9794 }
```

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

Here you see how a box with a 4 pixel #6A9794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9794; -webkit-box-shadow:4px 4px  
4px 4px #6A9794; box-shadow:4px 4px 4px  
4px #6A9794 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9794 }
```

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

```
.background{ background-color:#6A9794 }
```

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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