

# Converting Colors

Hex(6A948B)

Have a look what the booklet for  
Hex(6A948B) contains.

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**Color**

**Hex(6A948B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A948B
RGB	106, 148, 139
RGB Percent	42%, 58%, 55%
CMY	0.5843, 0.4196, 0.4549
CMYK	0.28, 0.00, 0.06, 0.42
HSL	167°, 17%, 50%
HSV	167°, 28%, 58%
XYZ	21.1940, 26.1081, 28.3484
YIQ	134.4160, -22.1430, -11.7030

# Conversions

## Conversions Part 2

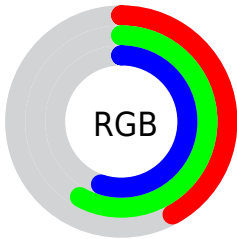
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 130, 148
Decimal	6984843
CIE <sub>Lab</sub>	58.14, -16.37, 0.12
CIE <sub>LCh</sub>	58, 16.368, 179.586
Yxy	26.1081, 0.2802, 0.3451
Android (android.graphics.Color)	4285174923 (0xFF6A948B)
YUV	134.4160, 2.2599, -24.9208
Hunter-Lab	51.0960, -15.3786, 2.8728

# Details

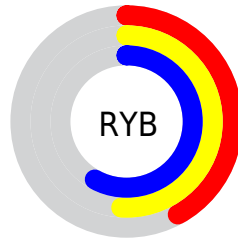
The Hex color **6A948B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **946A73**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9ECAC0**, and **396159** is the 20% darker color. If you saturate the color by 10%, you get **5B9488**, and if you desaturate by 10%, it is **79948E**.

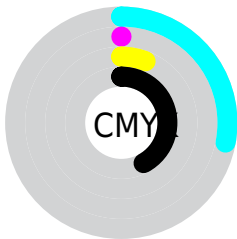
# Distribution



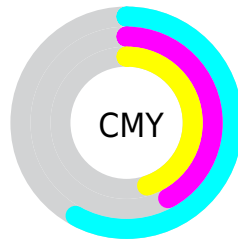
- Red (42%)
- Green (58%)
- Blue (55%)



- Red (42%)
- Yellow (51%)
- Blue (58%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A948B 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 6A948B by changing the saturation by 10% instead.





6A948B



6A948B

FFFFFF



517A72



9ECAC0



396159



BAE6DC



214942



D6FFF9



07322C



F2FFFF



001E17



000000



6A948B



6A948B



5B9488



79948E



4C9485



889491

■ 3E9481

■ 969495

■ 2F947E

■ A59498

■ 20947B

■ B4949B

■ 119478

■ C3949E

■ 029475

■ D294A1

■ 009474

■ E094A4

■ EF94A8

# Harmonies

## Analogous

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



77927D



6A948B



659499

# Triad

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



6A948B



8E88A5



A38674

# Complementary

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



6A948B



946A73

# 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.



A9837E



6A948B



9E849A

# Square

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



6A948B



7B8DA8



A8828C



978B6F

# Rectangle

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



6A948B



6892A1



A8828C



A68577



# Sweetspot

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



6A948B



AEBFBC



73946A



56615F



E0E0E0



616161



# Same Dimension

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



6A948B



7EBFB1



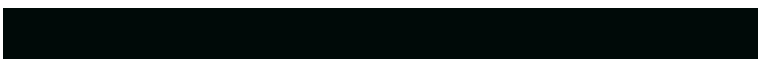
6A8894



434A48



008A6C



000A08



# Inverse Universe

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



946A73



BF7E8C



94766A



4A4344



8A001E



0A0002



# Previews

## White Background



This preview shows how the Hex color 6A948B looks on a white background.

## Color Contrast Check

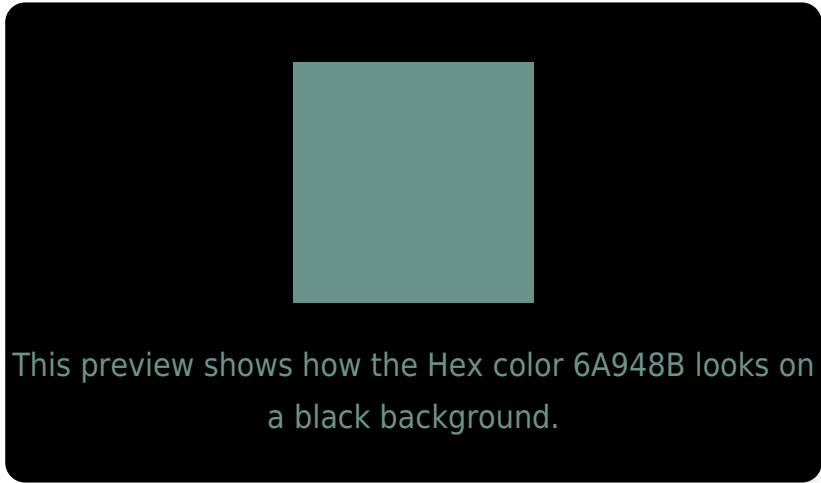
Large Text (above 18pt) WCAG AA ✓ Pass

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

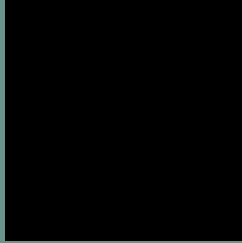
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A948B Background



This preview shows how black text looks on a background with the Hex color 6A948B.

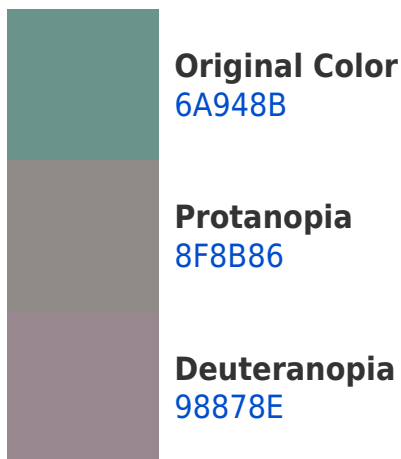



This preview shows how white text looks on a background with the Hex color 6A948B.

# 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



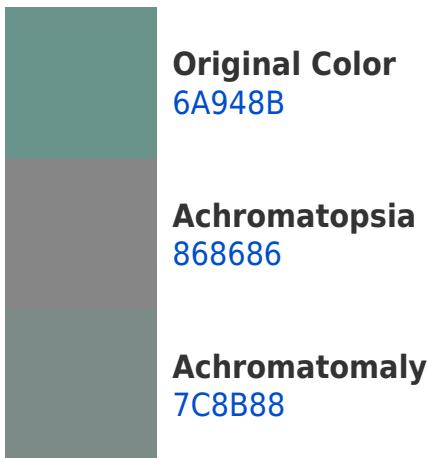


**Tritanopia**  
6E919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A948B 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 #6A948B looks like.

```
.text, #text, p{  
    color:#6A948B  
}
```

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 #6A948B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A948B
}
```

## Border

The CSS property to change the border of an element to Hex 6A948B 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
#6A948B }
```

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

```
.border{ border-color:#6A948B }
```

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

Here you see how a box with a 4 pixel #6A948B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A948B; -webkit-box-shadow:4px 4px  
4px 4px #6A948B; box-shadow:4px 4px 4px  
4px #6A948B }
```

# Background

The CSS property to change the background color of an element to Hex 6A948B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A948B }
```

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

```
.background{ background-color:#6A948B }
```

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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