

# Converting Colors

Hex(6D948D)

Have a look what the booklet for  
Hex(6D948D) contains.

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# Color

**Hex(6D948D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D948D
RGB	109, 148, 141
RGB Percent	43%, 58%, 55%
CMY	0.5725, 0.4196, 0.4471
CMYK	0.26, 0.00, 0.05, 0.42
HSL	169°, 15%, 50%
HSV	169°, 26%, 58%
XYZ	21.7043, 26.3541, 29.1422
YIQ	135.5410, -20.9970, -10.4450

# Conversions

## Conversions Part 2

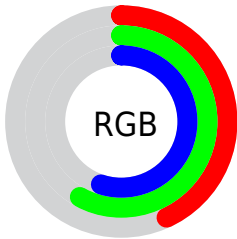
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 130, 148
Decimal	7181453
CIELab	58.37, -14.95, -0.66
CIELCh	58, 14.969, 182.537
Yxy	26.3541, 0.2811, 0.3414
Android (android.graphics.Color)	4285371533 (0xFF6D948D)
YUV	135.5410, 2.6913, -23.2765
Hunter-Lab	51.3363, -14.3710, 2.2780

# Details

The Hex color **6D948D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **946D74**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A1CAC3**, and **3C615B** is the 20% darker color. If you saturate the color by 10%, you get **5E948A**, and if you desaturate by 10%, it is **7C9490**.

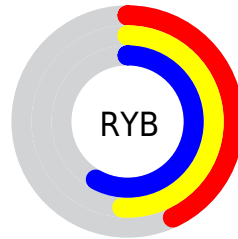
# Distribution



Red (43%)

Green (58%)

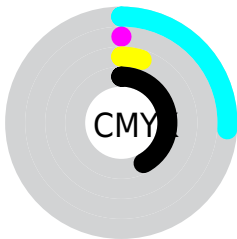
Blue (55%)



Red (43%)

Yellow (51%)

Blue (58%)

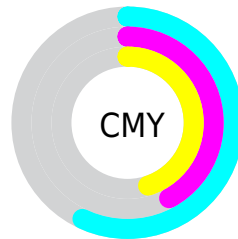


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D948D 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 6D948D by changing the saturation by 10% instead.





6D948D



6D948D

FFFFFF



547A73



A1CAC3



3C615B



BDE6DE



244944



D9FFFB



0C332D



F6FFFF



001E19



000000



6D948D



6D948D



5E948A



7C9490



4F9488



8B9492

■ 419485

■ 999495

■ 329482

■ A89498

■ 239480

■ B7949A

■ 14947D

■ C6949D

■ 05947A

■ D594A0

■ 009479

■ E394A2

■ F294A5

# Harmonies

## Analogous

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



789380



6D948D



6A939A

# Triad

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



6D948D



9089A2



A18776

# Complementary

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



6D948D



946D74

# 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.



A7847F



6D948D



9E8599

# Square

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



6D948D



7F8DA6



A7838C



968C72

# Rectangle

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



6D948D



6D92A1



A7838C



A48678



# Sweetspot

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



6D948D



B0BFBD



74946D



57615F



E0E0E0



616161



# Same Dimension

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



6D948D



82BFB4



6D8894



434A49



008A71



000A08



# Inverse Universe

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



946D74



BF828D



94796D



4A4344



8A0019



0A0002



# Previews

## White Background



This preview shows how the Hex color 6D948D looks on a white background.

## Color Contrast Check

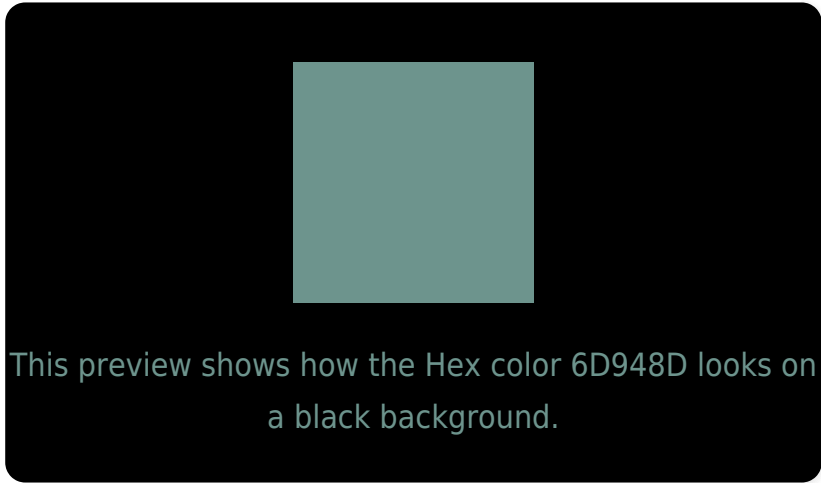
Large Text (above 18pt) WCAG AA ✓ Pass

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

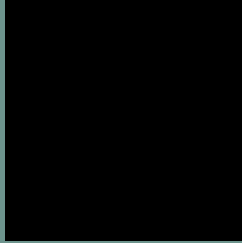
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

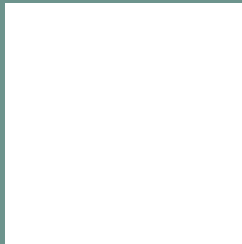
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D948D Background



This preview shows how black text looks on a background with the Hex color 6D948D.

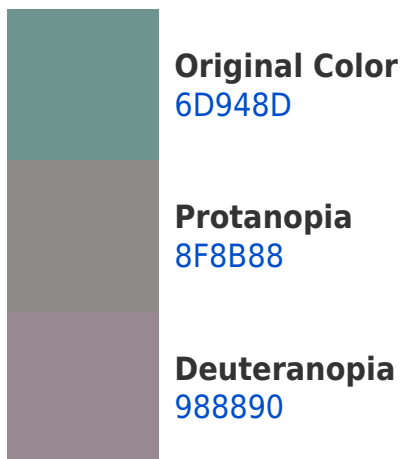



This preview shows how white text looks on a background with the Hex color 6D948D.

# 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](#).

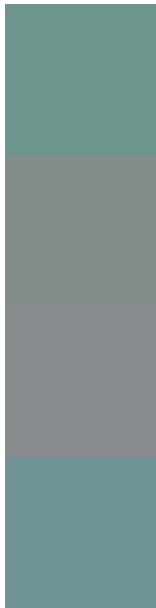
## Dichromacy





**Tritanopia**  
70929D

# Trichromacy



**Original Color**  
6D948D

**Protanomaly**  
838E8A

**Deuteranomaly**  
888C8F

**Tritanomaly**  
6F9397

# Monochromacy



**Original Color**  
6D948D

**Achromatopsia**  
888888

**Achromatomaly**  
7E8C8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D948D 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 #6D948D looks like.

```
.text, #text, p{  
    color:#6D948D  
}
```

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 #6D948D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D948D
}
```

## Border

The CSS property to change the border of an element to Hex 6D948D 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
#6D948D }
```

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

```
.border{ border-color:#6D948D }
```

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

Here you see how a box with a 4 pixel #6D948D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D948D; -webkit-box-shadow:4px 4px  
4px 4px #6D948D; box-shadow:4px 4px 4px  
4px #6D948D }
```

# Background

The CSS property to change the background color of an element to Hex 6D948D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D948D }
```

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

```
.background{ background-color:#6D948D }
```

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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