

# Converting Colors

Hex(6C8484)

Have a look what the booklet for  
Hex(6C8484) contains.

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# Color

Hex(6C8484)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C8484
RGB	108, 132, 132
RGB Percent	42%, 52%, 52%
CMY	0.5765, 0.4824, 0.4824
CMYK	0.18, 0.00, 0.00, 0.48
HSL	180°, 10%, 47%
HSV	180°, 18%, 52%
XYZ	18.6005, 21.3566, 24.9717
YIQ	124.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

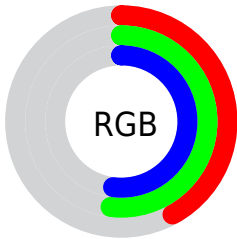
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 120, 132
Decimal	7111812
CIELab	53.34, -8.58, -2.87
CIELCh	53, 9.048, 198.523
Yxy	21.3566, 0.2865, 0.3289
Android (android.graphics.Color)	4285301892 (0xFF6C8484)
YUV	124.8240, 3.5378, -14.7546
Hunter-Lab	46.2132, -9.0283, 0.3114

# Details

The Hex color **6C8484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **846C6C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A0B9B9**, and **3C5353** is the 20% darker color. If you saturate the color by 10%, you get **5F8484**, and if you desaturate by 10%, it is **798484**.

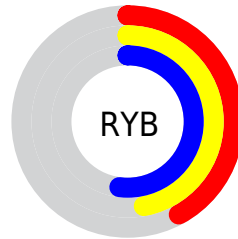
# Distribution



Red (42%)

Green (52%)

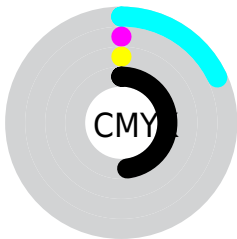
Blue (52%)



Red (42%)

Yellow (47%)

Blue (52%)

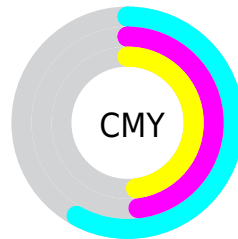


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8484 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 6C8484 by changing the saturation by 10% instead.





6C8484



6C8484

FFFFFF



536B6B



A0B9B9



3C5353



BBD5D5



253B3C



D7F1F1



102626



F3FFFF



001111



000000



6C8484



6C8484



5F8484



798484



528484



868484

448484

948484

378484

A18484

2A8484

AE8484

1D8484

BB8484

108484

C88484

028484

D68484

008484

E38484

# Harmonies

## Analogous

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



70847C



6C8484



6D838B

# Triad

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



6C8484



877C8A



897E70

# Complementary

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



6C8484



846C6C

# 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.



8E7C74



6C8484



8E7A83

# Square

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



6C8484



7D7E8E



907A7B



818071

# Rectangle

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



6C8484



71828E



907A7B



8B7D71



# Sweetspot

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



6C8484



A2ABAB



6C846C



515757



D6D6D6



575757



# Same Dimension

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



6C8484



85ABAB



6C7884



3C4242



008282



000303



# Inverse Universe

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



846C84



AB85AB



84786C



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 6C8484 looks on a white background.

## Color Contrast Check

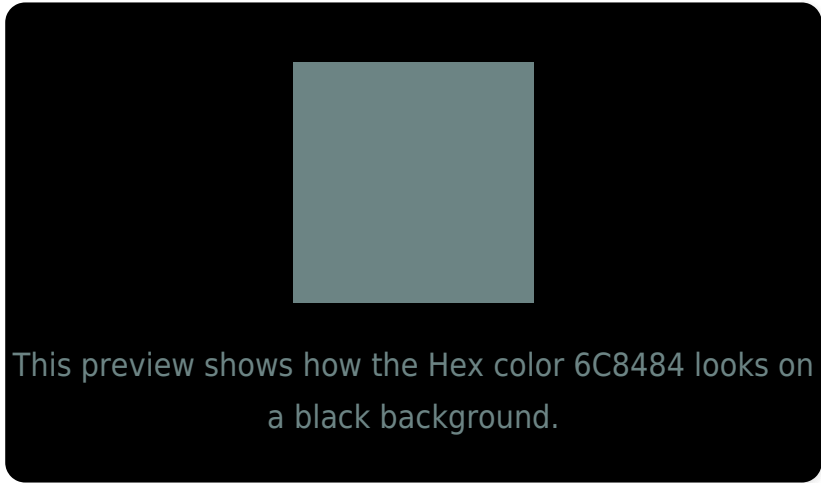
Large Text (above 18pt) WCAG AA ✓ Pass

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

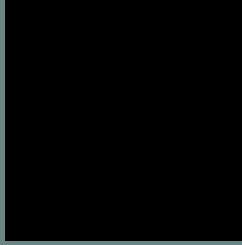
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C8484 Background



This preview shows how black text looks on a background with the Hex color 6C8484.

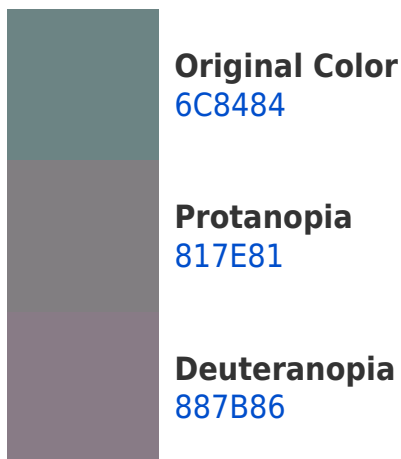


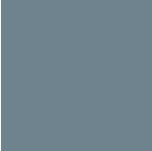
This preview shows how white text looks on a background with the Hex color 6C8484.

# 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](#).

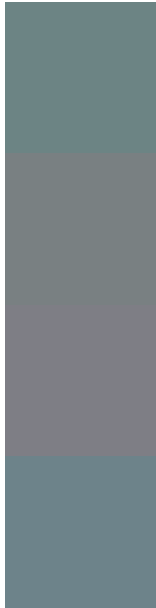
## Dichromacy





**Tritanopia**  
6E838D

# Trichromacy



**Original Color**  
6C8484

**Protanomaly**  
798082

**Deuteranomaly**  
7E7E85

**Tritanomaly**  
6D838A

# Monochromacy



**Original Color**  
6C8484

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
778080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8484 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 #6C8484 looks like.

```
.text, #text, p{  
    color:#6C8484  
}
```

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 #6C8484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8484
}
```

## Border

The CSS property to change the border of an element to Hex 6C8484 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
#6C8484 }
```

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

```
.border{ border-color:#6C8484 }
```

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

Here you see how a box with a 4 pixel #6C8484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8484; -webkit-box-shadow:4px 4px  
4px 4px #6C8484; box-shadow:4px 4px 4px  
4px #6C8484 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8484 }
```

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

```
.background{ background-color:#6C8484 }
```

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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