

# Converting Colors

Hex(648888)

Have a look what the booklet for  
Hex(648888) contains.

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# Color

**Hex(648888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	648888
RGB	100, 136, 136
RGB Percent	39%, 53%, 53%
CMY	0.6078, 0.4667, 0.4667
CMYK	0.26, 0.00, 0.00, 0.47
HSL	180°, 15%, 46%
HSV	180°, 26%, 53%
XYZ	18.5036, 22.0952, 26.5821
YIQ	125.2360, -21.4560, -7.6320

# Conversions

## Conversions Part 2

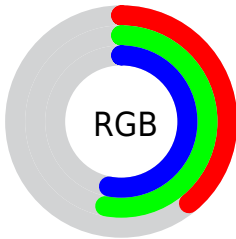
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 118, 136
Decimal	6588552
CIE <sub>Lab</sub>	54.13, -12.49, -4.09
CIE <sub>LCh</sub>	54, 13.142, 198.126
Yxy	22.0952, 0.2754, 0.3289
Android (android.graphics.Color)	4284778632 (0xFF648888)
YUV	125.2360, 5.3067, -22.1320
Hunter-Lab	47.0056, -11.9936, -0.6252

# Details

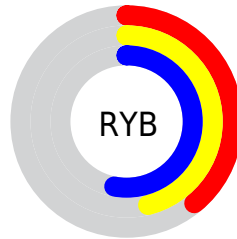
The Hex color **648888** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **886464**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **98BDBD**, and **335656** is the 20% darker color. If you saturate the color by 10%, you get **568888**, and if you desaturate by 10%, it is **728888**.

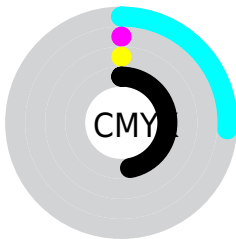
# Distribution



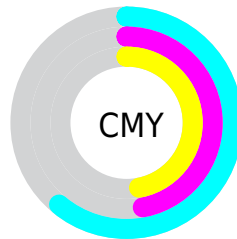
- Red (39%)
- Green (53%)
- Blue (53%)



- Red (39%)
- Yellow (46%)
- Blue (53%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (61%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648888 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 648888 by changing the saturation by 10% instead.





648888



648888

FFFFFF



4B6F6F



98BDBD



335656



B3D9D9



1C3F3F



CFF6F5



032929



EBFFFF



001515



000000



648888



648888



568888



728888



498888



7F8888

■ 3B8888

■ 8D8888

■ 2E8888

■ 9A8888

■ 208888

■ A88888

■ 128888

■ B68888

■ 058888

■ C38888

■ 008888

■ D18888

■ DE8888

# Harmonies

## Analogous

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



6B887C



648888



668792

# Triad

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



648888



8C7C91



8F7F6B

# Complementary

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



648888



886464

# 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.



977C71



648888



967A86

# Square

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



648888



7E8097



997A7B



83836C

# Rectangle

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



648888



6B8596



997A7B



927E6D



# Sweetspot

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



648888



A2B0B0



648864



505959



D9D9D9



595959



# Same Dimension

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



648888



78B0B0



647688



3E4545



008585



000505



# Inverse Universe

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



886488



B078B0



887664



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 648888 looks on a white background.

## Color Contrast Check

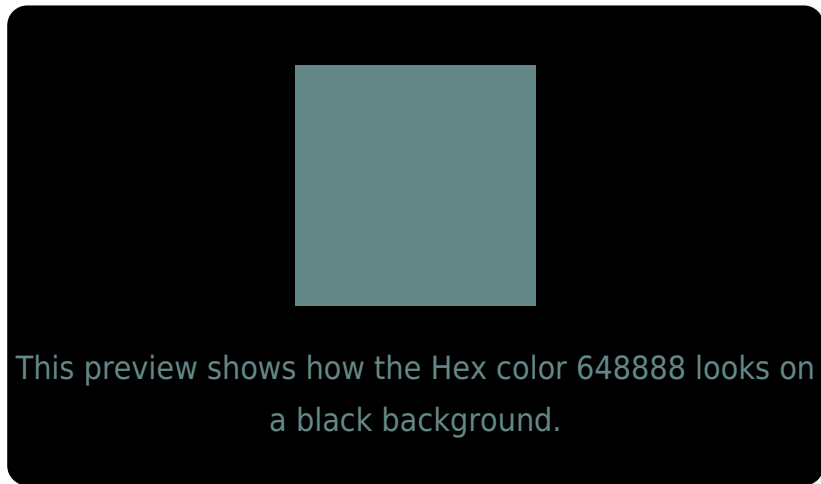
Large Text (above 18pt) WCAG AA ✓ Pass

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

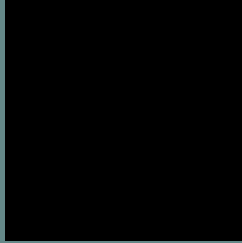
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 648888 Background



This preview shows how black text looks on a background with the Hex color 648888.

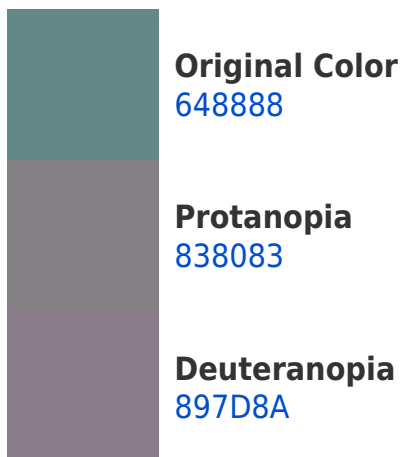


This preview shows how white text looks on a background with the Hex color 648888.

# 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](#).

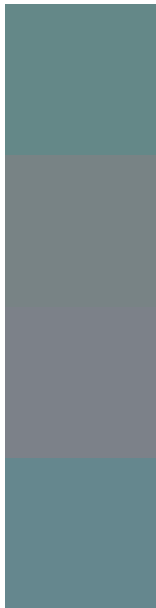
## Dichromacy





**Tritanopia**  
668791

# Trichromacy



**Original Color**  
648888

**Protanomaly**  
788385

**Deuteranomaly**  
7C8189

**Tritanomaly**  
65878E

# Monochromacy



**Original Color**  
648888

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
748181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648888 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 #648888 looks like.

```
.text, #text, p{  
  color:#648888  
}
```

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 #648888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648888
}
```

## Border

The CSS property to change the border of an element to Hex 648888 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
#648888 }
```

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

```
.border{ border-color:#648888 }
```

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

Here you see how a box with a 4 pixel #648888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648888; -webkit-box-shadow:4px 4px  
4px 4px #648888; box-shadow:4px 4px 4px  
4px #648888 }
```

# Background

The CSS property to change the background color of an element to Hex 648888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648888 }
```

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

```
.background{ background-color:#648888 }
```

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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