

# Converting Colors

Hex(648999)

Have a look what the booklet for  
Hex(648999) contains.

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**Color**

**Hex(648999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	648999
RGB	100, 137, 153
RGB Percent	39%, 54%, 60%
CMY	0.6078, 0.4627, 0.4000
CMYK	0.35, 0.10, 0.00, 0.40
HSL	198°, 21%, 50%
HSV	198°, 35%, 60%
XYZ	19.9510, 22.9006, 33.5057
YIQ	127.7610, -27.1880, -2.8680

# Conversions

## Conversions Part 2

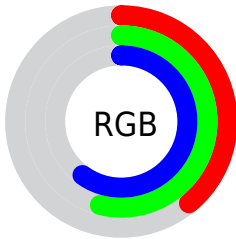
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 122, 153
Decimal	6588825
CIE <sub>Lab</sub>	54.97, -8.75, -12.66
CIE <sub>LCh</sub>	55, 15.394, 235.351
Yxy	22.9006, 0.2613, 0.2999
Android (android.graphics.Color)	4284778905 (0xFF648999)
YUV	127.7610, 12.4428, -24.3464
Hunter-Lab	47.8545, -9.3272, -8.0142

# Details

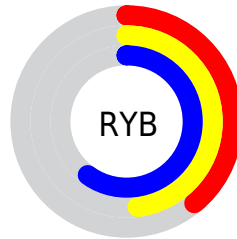
The Hex color **648999** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **997464**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **99BECF**, and **325766** is the 20% darker color. If you saturate the color by 10%, you get **558499**, and if you desaturate by 10%, it is **738E99**.

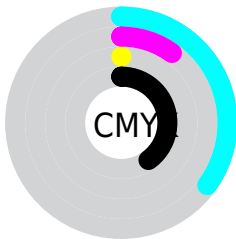
# Distribution



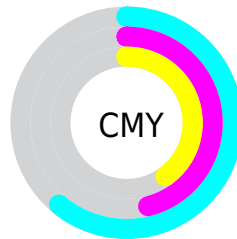
- Red (39%)
- Green (54%)
- Blue (60%)



- Red (39%)
- Yellow (48%)
- Blue (60%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648999 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 648999 by changing the saturation by 10% instead.



■ 648999

■ 648999

FFFFFF

■ 4B707F

■ 99BECF

■ 325766

■ B4DAEC

■ 19404E

■ D0F7FF

■ 002A37

■ ECFFFF

■ 001622

■ 00000A

■ 000000

■ 648999

■ 648999

■ 558499

■ 738E99

■ 458099

■ 839299

■ 367B99

■ 929799

■ 277799

■ A19B99

■ 177299

■ B0A099

■ 086D99

■ C0A599

■ 006B99

■ CFA999

■ DEAE99

■ EEB399

# Harmonies

## Analogous

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



608B8E



648999



72859E

# Triad

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



648999



9D7A86



82866B

# Complementary

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



648999



997464

# 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.



908269



648999



9F7B79

# Square

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



648999



937D93



9B7E6E



728974

# Rectangle

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



648999



7D829D



9B7E6E



87856A



# Sweetspot

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



648999



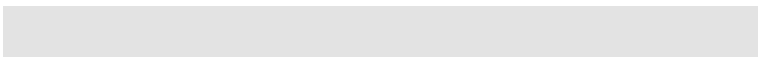
B3C1C7



649974



586063



E3E3E3



636363



# Same Dimension

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



648999



73AEC7



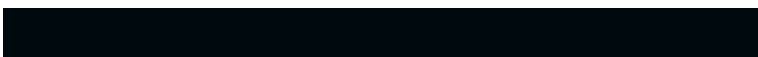
646F99



454A4D



00628C



00090D



# Inverse Universe

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



996489



C773AE



998E64



4D454A



8C0062



0D0009



# Previews

## White Background



This preview shows how the Hex color 648999 looks on a white background.

## Color Contrast Check

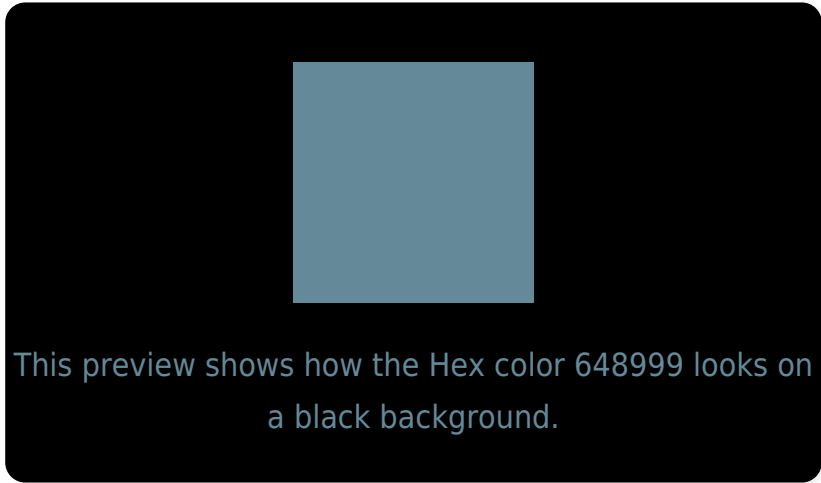
Large Text (above 18pt) WCAG AA ✓ Pass

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

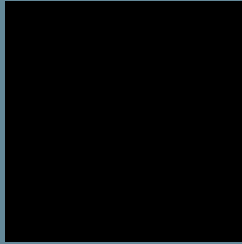
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 648999 Background



This preview shows how black text looks on a background with the Hex color 648999.

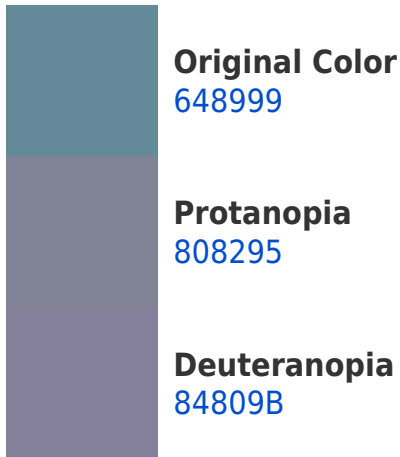



This preview shows how white text looks on a background with the Hex color 648999.

# 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**  
638A95

# Trichromacy



**Original Color**  
648999

**Protanomaly**  
768596

**Deuteranomaly**  
78839A

**Tritanomaly**  
638A96

# Monochromacy



**Original Color**  
648999

**Achromatopsia**  
808080

**Achromatomaly**  
768389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648999 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 #648999 looks like.

```
.text, #text, p{  
    color:#648999  
}
```

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 #648999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648999
}
```

## Border

The CSS property to change the border of an element to Hex 648999 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
#648999 }
```

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

```
.border{ border-color:#648999 }
```

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

Here you see how a box with a 4 pixel #648999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648999; -webkit-box-shadow:4px 4px  
4px 4px #648999; box-shadow:4px 4px 4px  
4px #648999 }
```

# Background

The CSS property to change the background color of an element to Hex 648999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648999 }
```

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

```
.background{ background-color:#648999 }
```

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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