

# Converting Colors

Hex(648F96)

Have a look what the booklet for  
Hex(648F96) contains.

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# Color

**Hex(648F96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	648F96
RGB	100, 143, 150
RGB Percent	39%, 56%, 59%
CMY	0.6078, 0.4392, 0.4118
CMYK	0.33, 0.05, 0.00, 0.41
HSL	188°, 20%, 49%
HSV	188°, 33%, 59%
XYZ	20.5830, 24.5563, 32.5092
YIQ	130.9410, -27.8750, -6.9390

# Conversions

## Conversions Part 2

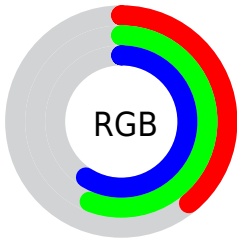
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 123, 150
Decimal	6590358
CIELab	56.64, -12.85, -8.43
CIElCh	57, 15.368, 213.274
Yxy	24.5563, 0.2651, 0.3162
Android (android.graphics.Color)	4284780438 (0xFF648F96)
YUV	130.9410, 9.3961, -27.1353
Hunter-Lab	49.5543, -12.5777, -4.2081

# Details

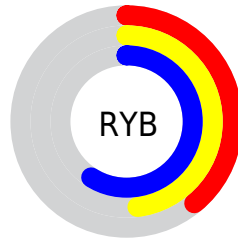
The Hex color **648F96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **966B64**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **99C5CC**, and **325D63** is the 20% darker color. If you saturate the color by 10%, you get **558D96**, and if you desaturate by 10%, it is **739196**.

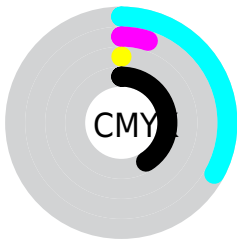
# Distribution



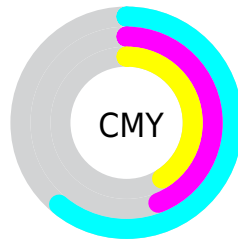
- Red (39%)
- Green (56%)
- Blue (59%)



- Red (39%)
- Yellow (48%)
- Blue (59%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (44%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648F96 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 648F96 by changing the saturation by 10% instead.





648F96



648F96

FFFFFF



4B757C



99C5CC



325D63



B4E1E8



18454B



D0FDFF



002F35



EDFFFF



001B20



000006



000000



648F96



648F96



558D96



739196

468B96

829396

378996

919596

288796

A09796

198596

AF9A96

0A8296

BE9C96

008196

CD9E96

DCA096

EBA296

# Harmonies

## Analogous

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



679089



648F96



6B8C9F

# Triad

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



648F96



9B8094



91876D

# Complementary

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



648F96



966B64

# 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.



9D8370



648F96



A37F87

# Square

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



648F96



8C849E



A3807A



828C71

# Rectangle

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



648F96



758AA2



A3807A



95866E



# Sweetspot

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



648F96



AEBFC2



64966B



555F61



E0E0E0



616161



# Same Dimension

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



648F96



74B7C2



647696



43494A



00768A



00090A



# Inverse Universe

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



96648F



C274B7



968464



4A4349



8A0076



0A0009



# Previews

## White Background



This preview shows how the Hex color 648F96 looks on a white background.

## Color Contrast Check

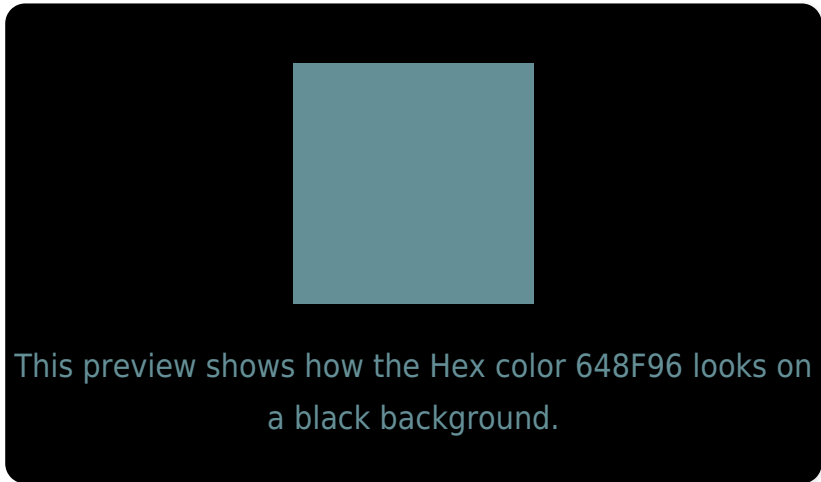
Large Text (above 18pt) WCAG AA ✓ Pass

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

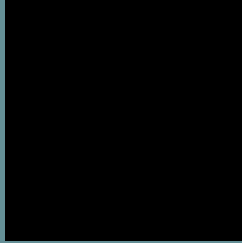
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

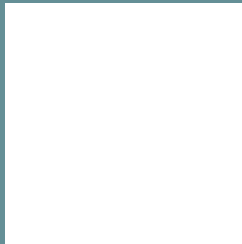
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 648F96 Background



This preview shows how black text looks on a background with the Hex color 648F96.

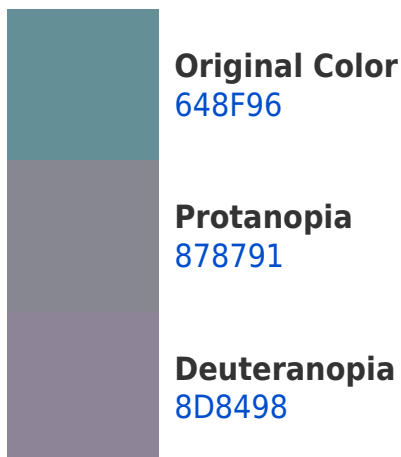


This preview shows how white text looks on a background with the Hex color 648F96.

# 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](#).

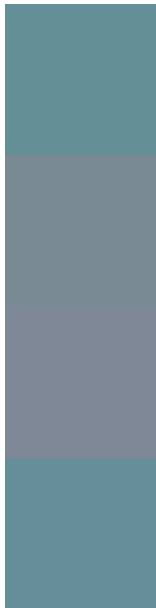
## Dichromacy





**Tritanopia**  
658E9A

# Trichromacy



**Original Color**  
648F96

**Protanomaly**  
7A8A93

**Deuteranomaly**  
7E8897

**Tritanomaly**  
658E99

# Monochromacy



**Original Color**  
648F96

**Achromatopsia**  
838383

**Achromatomaly**  
78878A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648F96 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 #648F96 looks like.

```
.text, #text, p{  
    color:#648F96  
}
```

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 #648F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648F96
}
```

## Border

The CSS property to change the border of an element to Hex 648F96 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
#648F96 }
```

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

```
.border{ border-color:#648F96 }
```

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

Here you see how a box with a 4 pixel #648F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648F96; -webkit-box-shadow:4px 4px  
4px 4px #648F96; box-shadow:4px 4px 4px  
4px #648F96 }
```

# Background

The CSS property to change the background color of an element to Hex 648F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648F96 }
```

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

```
.background{ background-color:#648F96 }
```

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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