

# Converting Colors

Hex(668C97)

Have a look what the booklet for  
Hex(668C97) contains.

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# Color

**Hex(668C97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	668C97
RGB	102, 140, 151
RGB Percent	40%, 55%, 59%
CMY	0.6000, 0.4510, 0.4078
CMYK	0.32, 0.07, 0.00, 0.41
HSL	193°, 19%, 50%
HSV	193°, 32%, 59%
XYZ	20.4435, 23.8153, 32.7975
YIQ	129.8920, -26.1790, -4.6350

# Conversions

## Conversions Part 2

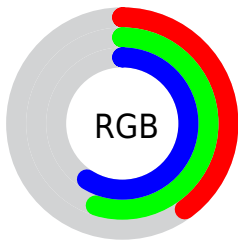
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 123, 151
Decimal	6720663
CIE <sub>Lab</sub>	55.90, -10.35, -10.10
CIE <sub>LCh</sub>	56, 14.458, 224.302
Yxy	23.8153, 0.2653, 0.3091
Android (android.graphics.Color)	4284910743 (0xFF668C97)
YUV	129.8920, 10.4062, -24.4613
Hunter-Lab	48.8009, -10.6252, -5.6862

# Details

The Hex color **668C97** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **977166**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9AC2CD**, and **345A64** is the 20% darker color. If you saturate the color by 10%, you get **578997**, and if you desaturate by 10%, it is **758F97**.

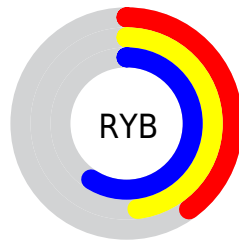
# Distribution



Red (40%)

Green (55%)

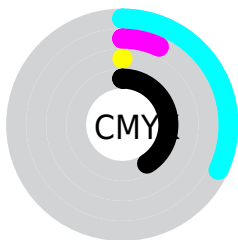
Blue (59%)



Red (40%)

Yellow (48%)

Blue (59%)

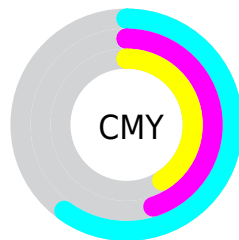


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (41%)



Cyan (60%)

Magenta (45%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 668C97 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 668C97 by changing the saturation by 10% instead.





668C97



668C97

FFFFFF



4D727D



9AC2CD



345A64



B6DDE9



1C424C



D2FAFF



002C36



EEEFFF



001820



000007



000000



668C97



668C97



578997



758F97

488597

849397

398297

939697

2A7E97

A29A97

1B7B97

B29D97

0B7897

C1A097

007597

D0A497

DFA797

EEAB97

# Harmonies

## Analogous

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



668D8C



668C97



70899E

# Triad

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



668C97



9B7E8D



8A876E

# Complementary

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



668C97



977166

# 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.



96836E



668C97



A07D80

# Square

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



668C97



908198



9E7F75



7B8B74

# Rectangle

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



668C97



7A869F



9E7F75



8E866D



# Sweetspot

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



668C97



B1C0C4



669771



586163



E3E3E3



636363



# Same Dimension

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



668C97



78B3C4



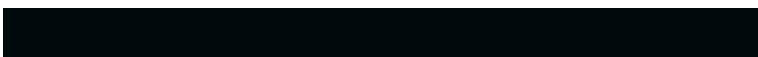
667497



454B4D



006D8C



000A0D



# Inverse Universe

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



97668C



C478B3



978966



4D454B



8C006D



0D000A



# Previews

## White Background



This preview shows how the Hex color 668C97 looks on a white background.

## Color Contrast Check

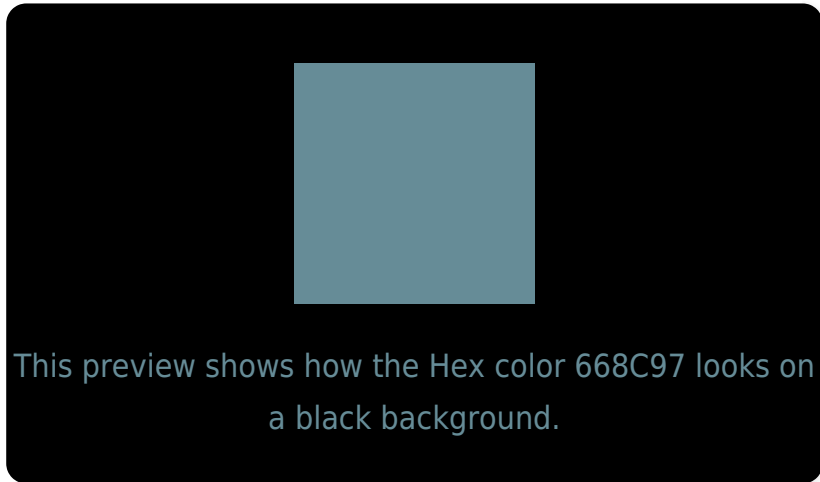
Large Text (above 18pt) WCAG AA ✓ Pass

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

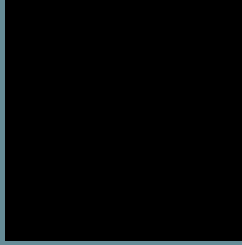
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

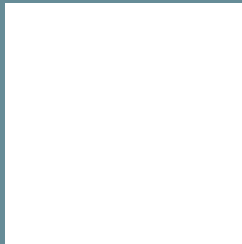
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 668C97 Background



This preview shows how black text looks on a background with the Hex color 668C97.

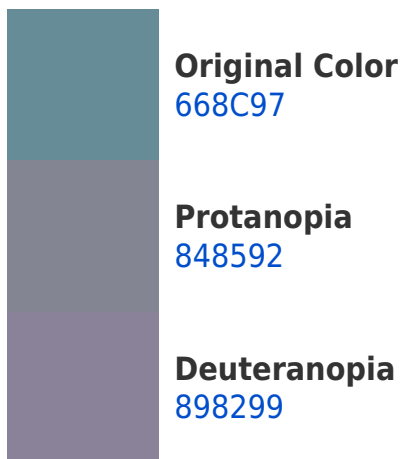


This preview shows how white text looks on a background with the Hex color 668C97.

# 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**  
668C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 668C97 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 #668C97 looks like.

```
.text, #text, p{  
    color:#668C97  
}
```

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 #668C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668C97
}
```

## Border

The CSS property to change the border of an element to Hex 668C97 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
#668C97 }
```

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

```
.border{ border-color:#668C97 }
```

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

Here you see how a box with a 4 pixel #668C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668C97; -webkit-box-shadow:4px 4px  
4px 4px #668C97; box-shadow:4px 4px 4px  
4px #668C97 }
```

# Background

The CSS property to change the background color of an element to Hex 668C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668C97 }
```

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

```
.background{ background-color:#668C97 }
```

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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