

# Converting Colors

Hex(668397)

Have a look what the booklet for  
Hex(668397) contains.

<b>Hex(668397)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(668397)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	668397
RGB	102, 131, 151
RGB Percent	40%, 51%, 59%
CMY	0.6000, 0.4863, 0.4078
CMYK	0.32, 0.13, 0.00, 0.41
HSL	204°, 19%, 50%
HSV	204°, 32%, 59%
XYZ	19.1817, 21.2917, 32.3769
YIQ	124.6090, -23.7040, 0.0720

# Conversions

## Conversions Part 2

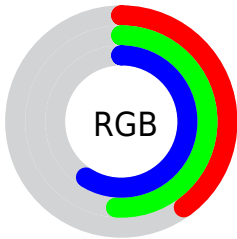
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 120, 151
Decimal	6718359
CIE <sub>Lab</sub>	53.27, -5.28, -14.07
CIE <sub>LCh</sub>	53, 15.025, 249.412
Yxy	21.2917, 0.2633, 0.2923
Android (android.graphics.Color)	4284908439 (0xFF668397)
YUV	124.6090, 13.0108, -19.8281
Hunter-Lab	46.1430, -6.5475, -9.3016

# Details

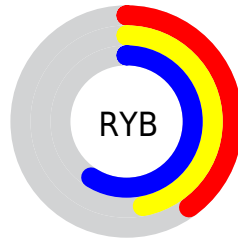
The Hex color **668397** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **977A66**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9AB8CD**, and **355264** is the 20% darker color. If you saturate the color by 10%, you get **577D97**, and if you desaturate by 10%, it is **758997**.

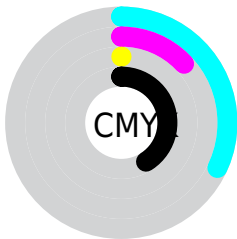
# Distribution



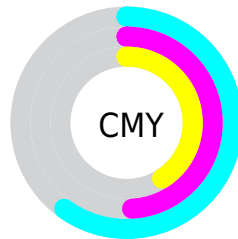
- Red (40%)
- Green (51%)
- Blue (59%)



- Red (40%)
- Yellow (47%)
- Blue (59%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (49%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 668397 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 668397 by changing the saturation by 10% instead.



■ 668397

■ 668397

FFFFFF

■ 4D6A7D

■ 9AB8CD

■ 355264

■ B6D4E9

■ 1C3B4C

■ D1F0FF

■ 022535

■ EEEFFF

■ 001020

■ 000006

■ 000000

■ 668397

■ 668397

■ 577D97

■ 758997

■ 487797

■ 848F97

■ 397197

■ 939597

■ 2A6A97

■ A29C97

■ 1B6497

■ B2A297

■ 0B5E97

■ C1A897

■ 005997

■ D0AE97

■ DFB497

■ EEBA97

# Harmonies

## Analogous

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



5D868F



668397



767F98

# Triad

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



668397



9A767C



76836B

# Complementary

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



668397



977A66

# 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.



858066



668397



99786F

# Square

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



668397



947789



917B67



688676

# Rectangle

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



668397



817C96



917B67



7B8269



# Sweetspot

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



668397



B1BCC4



66977A



585F63



E3E3E3



636363



# Same Dimension

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



668397



78A5C4



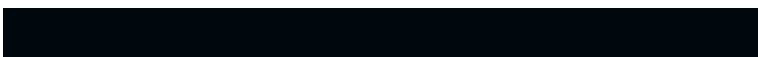
666B97



45494D



00538C



00080D



# Inverse Universe

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



976683



C478A5



979266



4D4549



8C0053



0D0008



# Previews

## White Background



This preview shows how the Hex color 668397 looks on a white background.

## Color Contrast Check

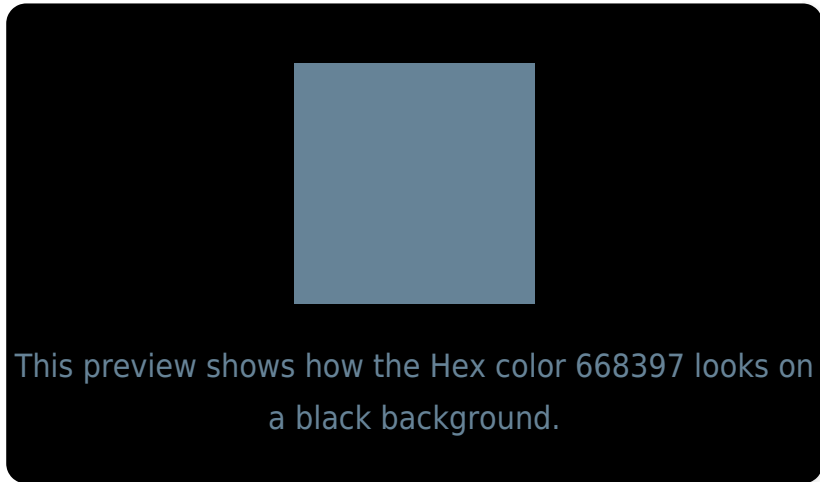
Large Text (above 18pt) WCAG AA ✓ Pass

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

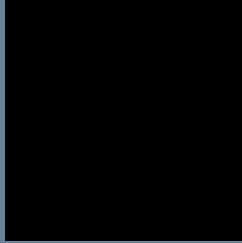
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

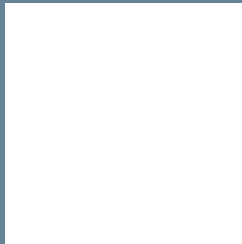
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 668397 Background



This preview shows how black text looks on a background with the Hex color 668397.

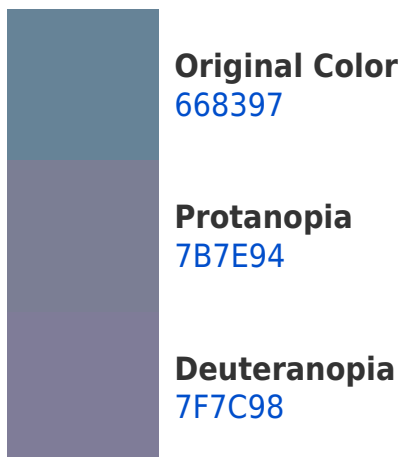



This preview shows how white text looks on a background with the Hex color 668397.

# 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**  
64848F

# Trichromacy



**Original Color**  
668397

**Protanomaly**  
738095

**Deuteranomaly**  
767F98

**Tritanomaly**  
658492

# Monochromacy



**Original Color**  
668397

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
757F86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 668397 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 #668397 looks like.

```
.text, #text, p{  
    color:#668397  
}
```

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 #668397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668397
}
```

## Border

The CSS property to change the border of an element to Hex 668397 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
#668397 }
```

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

```
.border{ border-color:#668397 }
```

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

Here you see how a box with a 4 pixel #668397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668397; -webkit-box-shadow:4px 4px  
4px 4px #668397; box-shadow:4px 4px 4px  
4px #668397 }
```

# Background

The CSS property to change the background color of an element to Hex 668397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668397 }
```

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

```
.background{ background-color:#668397 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor