

# Converting Colors

Hex(688291)

Have a look what the booklet for  
Hex(688291) contains.

<b>Hex(688291)</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(688291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	688291
RGB	104, 130, 145
RGB Percent	41%, 51%, 57%
CMY	0.5922, 0.4902, 0.4314
CMYK	0.28, 0.10, 0.00, 0.43
HSL	202°, 16%, 49%
HSV	202°, 28%, 57%
XYZ	18.8024, 20.9527, 29.8413
YIQ	123.9360, -20.3110, -0.8470

# Conversions

## Conversions Part 2

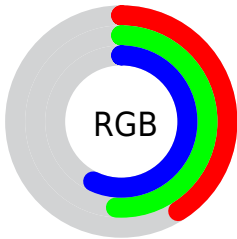
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 120, 145
Decimal	6849169
CIELab	52.90, -5.64, -11.12
CIElCh	53, 12.469, 243.128
Yxy	20.9527, 0.2702, 0.3011
Android (android.graphics.Color)	4285039249 (0xFF688291)
YUV	123.9360, 10.3846, -17.4839
Hunter-Lab	45.7741, -6.7831, -6.6109

# Details

The Hex color **688291** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **917768**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9CB7C7**, and **37515F** is the 20% darker color. If you saturate the color by 10%, you get **5A7D91**, and if you desaturate by 10%, it is **768791**.

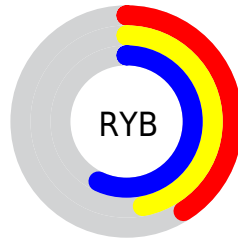
# Distribution



Red (41%)

Green (51%)

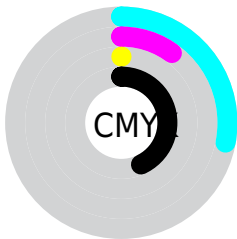
Blue (57%)



Red (41%)

Yellow (47%)

Blue (57%)

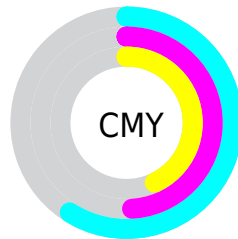


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (43%)



Cyan (59%)

Magenta (49%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 688291 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 688291 by changing the saturation by 10% instead.





688291



688291

FFFFFF



4F6977



9CB7C7



37515F



B7D2E3



203A47



D3EFFF



082430



F0FFFF



000F1C



000000



688291



688291



5A7D91



768791



4B7791



858D91

■ 3C7291

■ 939291

■ 2E6D91

■ A29791

■ 1F6791

■ B19D91

■ 116291

■ BFA291

■ 025D91

■ CDA791

■ 005C91

■ DCAC91

■ EBB291

# Harmonies

## Analogous

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



62848A



688291



747F93

# Triad

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



688291



94777D



7A816C

# Complementary

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



688291



917768

# 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.



867E69



688291



957873

# Square

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



688291



8D7888



8F7A6C



6E8474

# Rectangle

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



688291



7D7C92



8F7A6C



7E806B



# Sweetspot

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



688291



AEB7BD



689176



555B5E



DEDEDE



5E5E5E



# Same Dimension

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



688291



7DA5BD



686E91



404547



005687



000508



# Inverse Universe

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



916882



BD7DA5



918B68



474045



870056



080005



# Previews

## White Background



This preview shows how the Hex color 688291 looks on a white background.

## Color Contrast Check

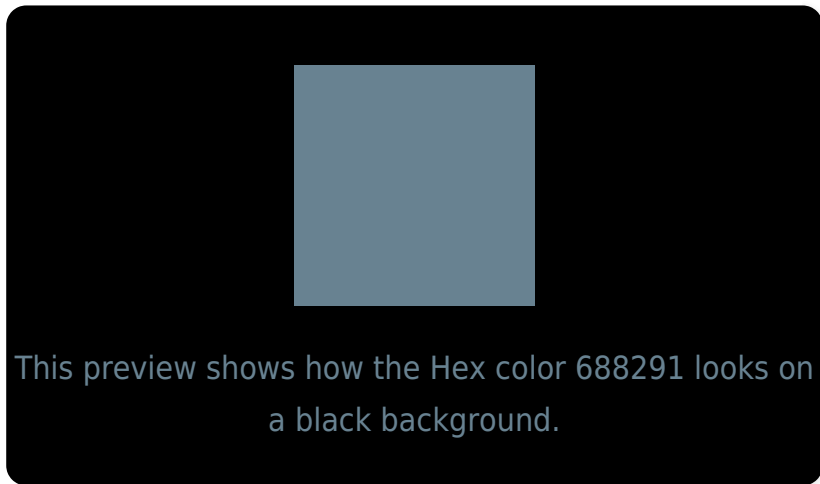
Large Text (above 18pt) WCAG AA ✓ Pass

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

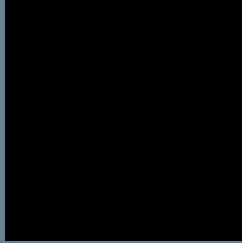
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

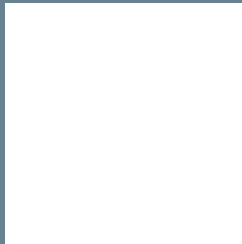
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 688291 Background



This preview shows how black text looks on a background with the Hex color 688291.

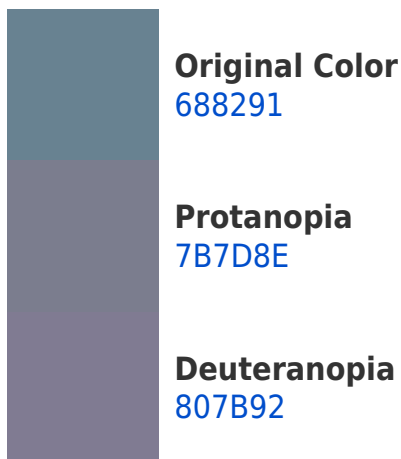



This preview shows how white text looks on a background with the Hex color 688291.

# 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](#).

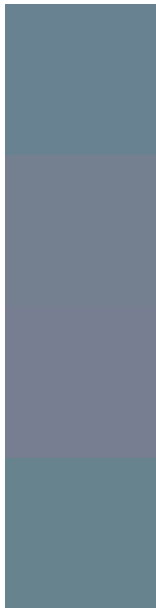
## Dichromacy





**Tritanopia**  
67838D

# Trichromacy



**Original Color**  
688291

**Protanomaly**  
747F8F

**Deuteranomaly**  
777E92

**Tritanomaly**  
67838E

# Monochromacy



**Original Color**  
688291

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
757E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 688291 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 #688291 looks like.

```
.text, #text, p{  
    color:#688291  
}
```

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 #688291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688291
}
```

## Border

The CSS property to change the border of an element to Hex 688291 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
#688291 }
```

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

```
.border{ border-color:#688291 }
```

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

Here you see how a box with a 4 pixel #688291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688291; -webkit-box-shadow:4px 4px  
4px 4px #688291; box-shadow:4px 4px 4px  
4px #688291 }
```

# Background

The CSS property to change the background color of an element to Hex 688291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688291 }
```

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

```
.background{ background-color:#688291 }
```

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