

# Converting Colors

Hex(688CB9)

Have a look what the booklet for  
Hex(688CB9) contains.

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# Color

**Hex(688CB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	688CB9
RGB	104, 140, 185
RGB Percent	41%, 55%, 73%
CMY	0.5922, 0.4510, 0.2745
CMYK	0.44, 0.24, 0.00, 0.27
HSL	213°, 37%, 57%
HSV	213°, 44%, 73%
XYZ	23.8440, 25.2020, 49.5067
YIQ	134.3660, -35.9010, 6.3630

# Conversions

## Conversions Part 2

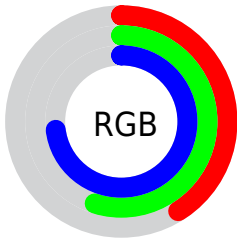
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 129, 185
Decimal	6851769
CIELab	57.27, -0.48, -27.46
CIELCh	57, 27.465, 268.992
Yxy	25.2020, 0.2419, 0.2557
Android (android.graphics.Color)	4285041849 (0xFF688CB9)
YUV	134.3660, 24.9626, -26.6310
Hunter-Lab	50.2016, -3.0717, -23.3282

# Details

The Hex color **688CB9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B99568**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9EC1F1**, and **325A84** is the 20% darker color. If you saturate the color by 10%, you get **5682B9**, and if you desaturate by 10%, it is **7B96B9**.

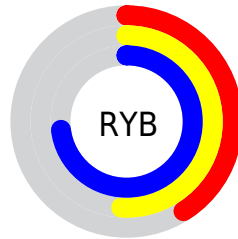
# Distribution



Red (41%)

Green (55%)

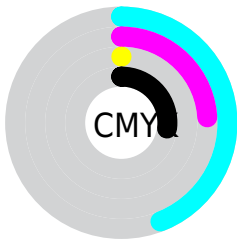
Blue (73%)



Red (41%)

Yellow (51%)

Blue (73%)

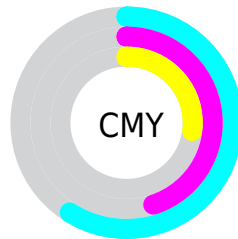


Cyan (44%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (59%)

Magenta (45%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 688CB9 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 688CB9 by changing the saturation by 10% instead.





688CB9



688CB9

FFFFFF



4D739E



9EC1F1



325A84



BADDFE



13436A



D7FAFF



002D52



F4FFFF



00193B



000225



00010D



000000



688CB9



688CB9

■ 5682B9

■ 7B96B9

■ 4377B9

■ 8DA1B9

■ 316DB9

■ A0ABB9

■ 1E63B9

■ B2B5B9

■ 0C59B9

■ C5BFB9

■ 0052B9

■ D7CAB9

■ EAD4B9

■ FCDEB9

■ FFE8B9

# Harmonies

## Analogous

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



4692B2



688CB9



8C84B3

# Triad

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



688CB9



B87973



669470

# Complementary

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



688CB9



B99568

# 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.



828F5F



688CB9



AE8061

# Square

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



688CB9



B7788B



9B8859



4A9788

# Rectangle

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



688CB9



9F7EA9



9B8859



6F9369



# Sweetspot

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



688CB9



D1DEF0



68B995



656D78



F7F7F7



787878



# Same Dimension

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



688CB9



71A9F0



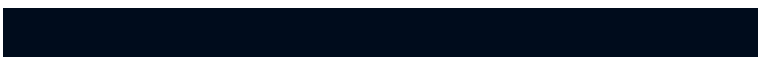
6C68B9



53575C



00459C



000C1C



# Inverse Universe

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



B9688C



F071A9



B5B968



5C5357



9C0045

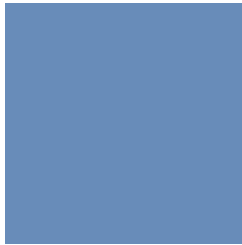


1C000C



# Previews

## White Background



This preview shows how the Hex color 688CB9 looks on a white background.

## Color Contrast Check

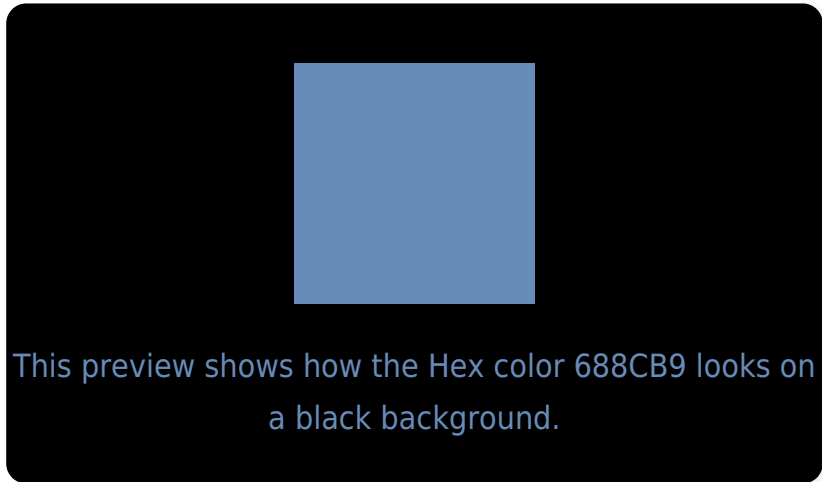
Large Text (above 18pt) WCAG AA ✓ Pass

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

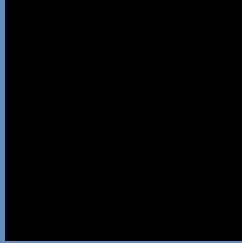
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

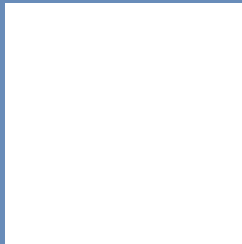
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 688CB9 Background



This preview shows how black text looks on a background with the Hex color 688CB9.

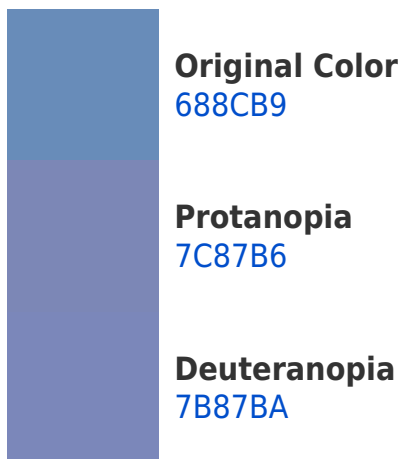



This preview shows how white text looks on a background with the Hex color 688CB9.

# 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](#).

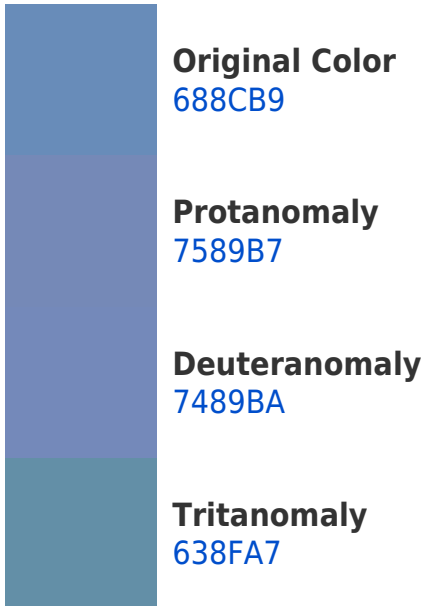
## Dichromacy





**Tritanopia**  
60919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 688CB9 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 #688CB9 looks like.

```
.text, #text, p{  
    color:#688CB9  
}
```

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 #688CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688CB9
}
```

## Border

The CSS property to change the border of an element to Hex 688CB9 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
#688CB9 }
```

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

```
.border{ border-color:#688CB9 }
```

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

Here you see how a box with a 4 pixel #688CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688CB9; -webkit-box-shadow:4px 4px  
4px 4px #688CB9; box-shadow:4px 4px 4px  
4px #688CB9 }
```

# Background

The CSS property to change the background color of an element to Hex 688CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688CB9 }
```

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

```
.background{ background-color:#688CB9 }
```

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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