

# Converting Colors

Hex(708CBA)

Have a look what the booklet for  
Hex(708CBA) contains.

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# Color

**Hex(708CBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	708CBA
RGB	112, 140, 186
RGB Percent	44%, 55%, 73%
CMY	0.5608, 0.4510, 0.2706
CMYK	0.40, 0.25, 0.00, 0.27
HSL	217°, 35%, 58%
HSV	217°, 40%, 73%
XYZ	24.9231, 25.7461, 50.1103
YIQ	136.8720, -31.4540, 8.3700

# Conversions

## Conversions Part 2

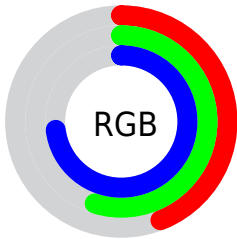
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 132, 186
Decimal	7376058
CIELab	57.80, 1.95, -27.18
CIELCh	58, 27.250, 274.098
Yxy	25.7461, 0.2473, 0.2555
Android (android.graphics.Color)	4285566138 (0xFF708CBA)
YUV	136.8720, 24.2201, -21.8127
Hunter-Lab	50.7406, -1.1192, -23.0351

# Details

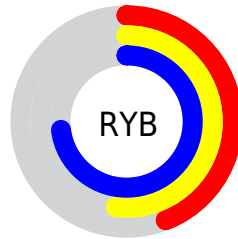
The Hex color **708CBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9E70**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A6C1F2**, and **3C5A85** is the 20% darker color. If you saturate the color by 10%, you get **5D80BA**, and if you desaturate by 10%, it is **8398BA**.

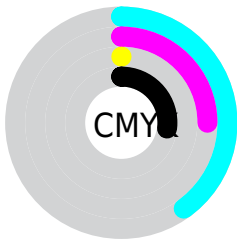
# Distribution



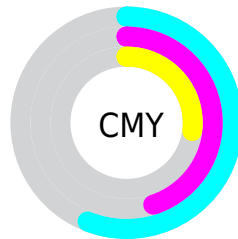
- Red (44%)
- Green (55%)
- Blue (73%)



- Red (44%)
- Yellow (52%)
- Blue (73%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 708CBA 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 708CBA by changing the saturation by 10% instead.



■ 708CBA

■ 708CBA

FFFFFF

■ 56739F

■ A6C1F2

■ 3C5A85

■ C2DDFF

■ 20436B

■ DFFAFF

■ 002D53

■ FCFFFF

■ 00193B

■ 000226

■ 00010E

■ 000000

■ 708CBA

■ 708CBA

■ 5D80BA

■ 8398BA

■ 4B75BA

■ 95A3BA

■ 3869BA

■ A8AFBA

■ 265EBA

■ BABABA

■ 1352BA

■ CDC6BA

■ 0047BA

■ E0D1BA

■ 0046BA

■ F2DDBA

■ FFE8BA

■ FFF4BA

# Harmonies

## Analogous

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



4D93B5



708CBA



9284B2

# Triad

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



708CBA



B97B71



639675

# Complementary

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



708CBA



BA9E70

# 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.



7F9163



708CBA



AD8261

# Square

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



708CBA



B97988



988A5B



48988D

# Rectangle

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



708CBA



A57EA7



988A5B



6C956E



# Sweetspot

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



708CBA



D5E0F2



70BA9E



69707A



FAFAFA



7A7A7A

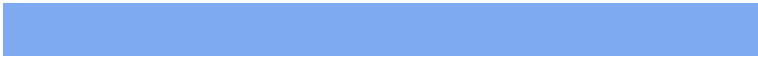


# Same Dimension

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



708CBA



7EAAF2



7970BA



53565C



003B9C



000B1C



# Inverse Universe

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



BA708C



F27EAA



B1BA70



5C5356



9C003B

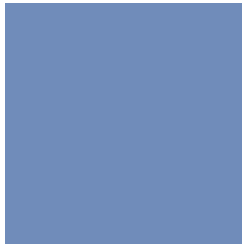


1C000B



# Previews

## White Background



This preview shows how the Hex color 708CBA looks on a white background.

## Color Contrast Check

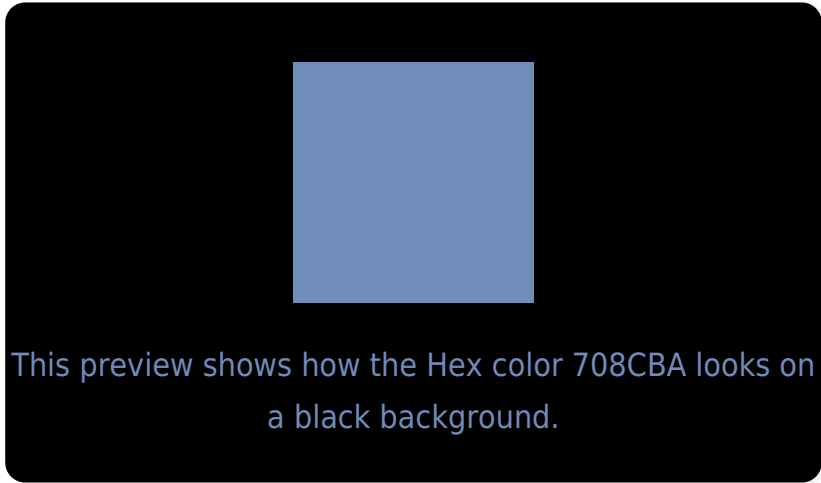
Large Text (above 18pt) WCAG AA ✓ Pass

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

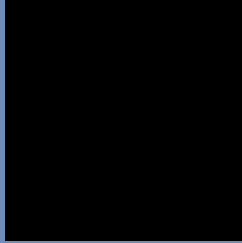
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

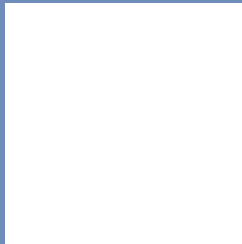
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 708CBA Background



This preview shows how black text looks on a background with the Hex color 708CBA.

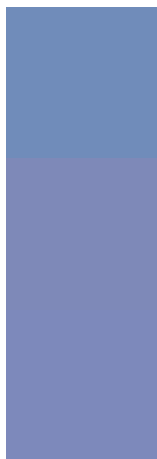


This preview shows how white text looks on a background with the Hex color 708CBA.

# 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



**Original Color**  
708CBA

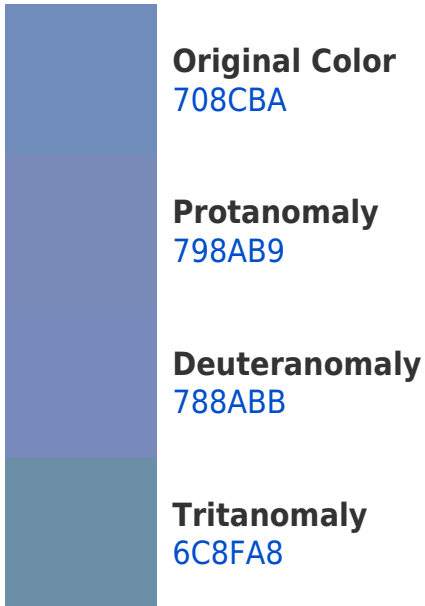
**Protanopia**  
7E89B8

**Deuteranopia**  
7D89BB

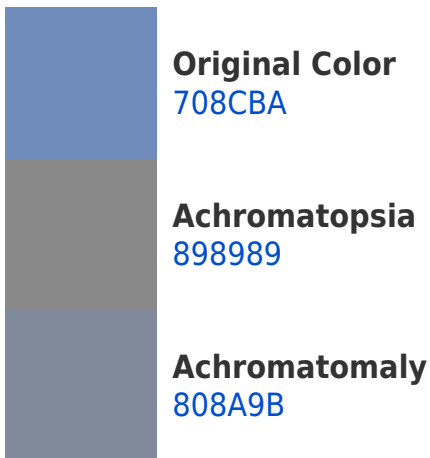


**Tritanopia**  
69919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 708CBA 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 #708CBA looks like.

```
.text, #text, p{  
    color:#708CBA  
}
```

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 #708CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #708CBA
}
```

## Border

The CSS property to change the border of an element to Hex 708CBA 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
#708CBA }
```

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

```
.border{ border-color:#708CBA }
```

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

Here you see how a box with a 4 pixel #708CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #708CBA; -webkit-box-shadow:4px 4px  
4px 4px #708CBA; box-shadow:4px 4px 4px  
4px #708CBA }
```

# Background

The CSS property to change the background color of an element to Hex 708CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#708CBA }
```

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

```
.background{ background-color:#708CBA }
```

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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