

# Converting Colors

Hex(699CA6)

Have a look what the booklet for  
Hex(699CA6) contains.

<b>Hex(699CA6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(699CA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	699CA6
RGB	105, 156, 166
RGB Percent	41%, 61%, 65%
CMY	0.5882, 0.3882, 0.3490
CMYK	0.37, 0.06, 0.00, 0.35
HSL	190°, 26%, 53%
HSV	190°, 37%, 65%
XYZ	24.5971, 29.5334, 40.4805
YIQ	141.8910, -33.6060, -7.7020

# Conversions

## Conversions Part 2

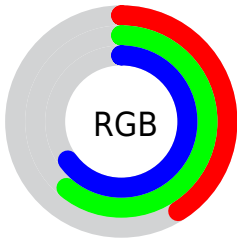
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 133, 166
Decimal	6921382
CIELab	61.25, -14.34, -10.62
CIElCh	61, 17.848, 216.523
Yxy	29.5334, 0.2600, 0.3122
Android (android.graphics.Color)	4285111462 (0xFF699CA6)
YUV	141.8910, 11.8857, -32.3534
Hunter-Lab	54.3446, -14.3116, -6.1230

# Details

The Hex color **699CA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A67369**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FD3DD**, and **356972** is the 20% darker color. If you saturate the color by 10%, you get **5899A6**, and if you desaturate by 10%, it is **7A9FA6**.

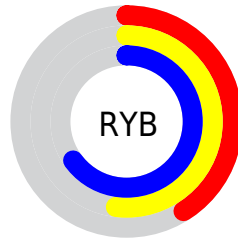
# Distribution



Red (41%)

Green (61%)

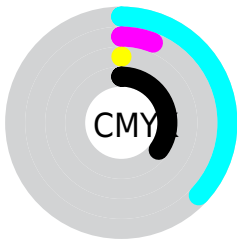
Blue (65%)



Red (41%)

Yellow (52%)

Blue (65%)

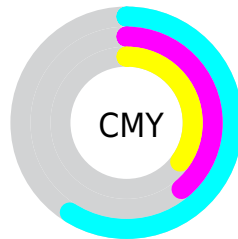


Cyan (37%)

Magenta (6%)

Yellow (0%)

Black (35%)



Cyan (59%)

Magenta (39%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 699CA6 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 699CA6 by changing the saturation by 10% instead.





699CA6



699CA6

FFFFFF



4F828C



9FD3DD



356972



BAEFA



1A505A



D7FFFF



003942



F3FFFF



00242C



000A18



000000



699CA6



699CA6



5899A6



7A9FA6

4897A6

8AA1A6

3794A6

9BA4A6

2791A6

ABA7A6

168EA6

BCAAA6

058CA6

CDACA6

008BA6

DDAFA6

EEB2A6

FEB4A6

# Harmonies

## Analogous

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



6C9D97



699CA6



7399B0

# Triad

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



699CA6



AB8AA1



9C9475

# Complementary

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



699CA6



A67369

# 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.



AB8F77



699CA6



B48991

# Square

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



699CA6



9B8FAD



B38A82



8B997A

# Rectangle

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



699CA6



7F96B3



B38A82



A29275



# Sweetspot

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



699CA6



C1D5D9



69A672



5F6B6E



EDEDED



6E6E6E



# Same Dimension

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



699CA6



79C9D9



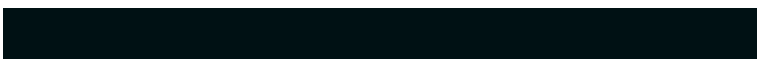
697EA6



4C5354



007C94



001114



# Inverse Universe

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



A6699C



D979C9



A69169



544C53



94007C



140011



# Previews

## White Background



This preview shows how the Hex color 699CA6 looks on a white background.

## Color Contrast Check

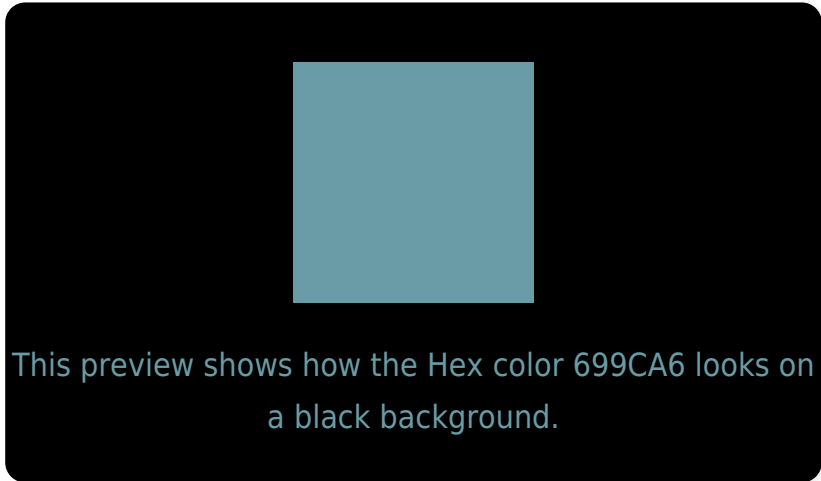
Large Text (above 18pt) WCAG AA ✓ Pass

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

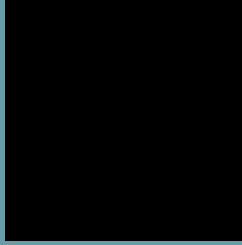
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 699CA6 Background



This preview shows how black text looks on a background with the Hex color 699CA6.

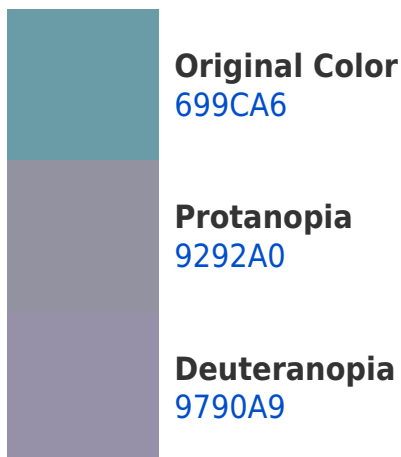



This preview shows how white text looks on a background with the Hex color 699CA6.

# 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](#).

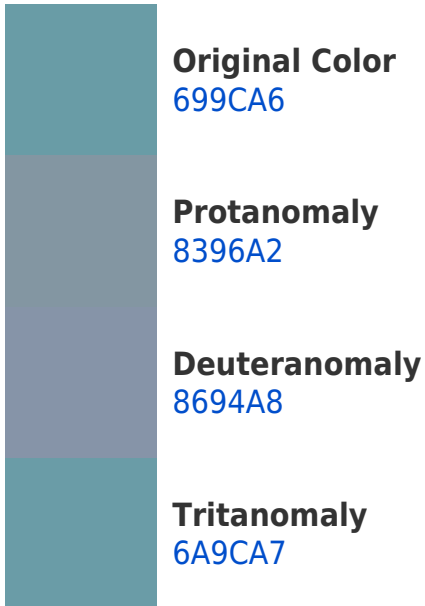
## Dichromacy



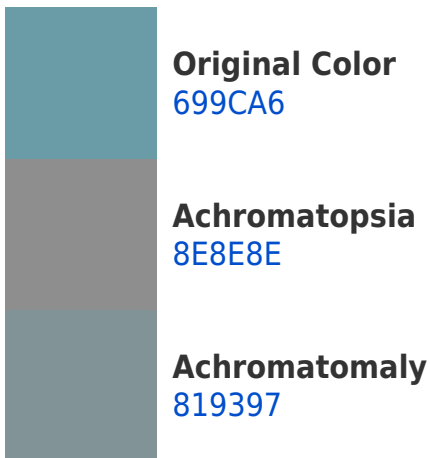


**Tritanopia**  
6A9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 699CA6 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 #699CA6 looks like.

```
.text, #text, p{  
    color:#699CA6  
}
```

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 #699CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #699CA6
}
```

## Border

The CSS property to change the border of an element to Hex 699CA6 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
#699CA6 }
```

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

```
.border{ border-color:#699CA6 }
```

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

Here you see how a box with a 4 pixel #699CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #699CA6; -webkit-box-shadow:4px 4px  
4px 4px #699CA6; box-shadow:4px 4px 4px  
4px #699CA6 }
```

# Background

The CSS property to change the background color of an element to Hex 699CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#699CA6 }
```

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

```
.background{ background-color:#699CA6 }
```

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