

# Converting Colors

Hex(697799)

Have a look what the booklet for  
Hex(697799) contains.

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# Color

**Hex(697799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	697799
RGB	105, 119, 153
RGB Percent	41%, 47%, 60%
CMY	0.5882, 0.5333, 0.4000
CMYK	0.31, 0.22, 0.00, 0.40
HSL	222°, 19%, 51%
HSV	222°, 31%, 60%
XYZ	18.1723, 18.4968, 32.7495
YIQ	118.6900, -19.2580, 7.6060

# Conversions

## Conversions Part 2

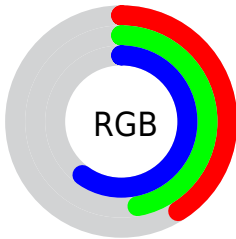
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 116, 153
Decimal	6911897
CIE <sub>Lab</sub>	50.09, 3.16, -20.05
CIE <sub>LCh</sub>	50, 20.296, 278.959
Yxy	18.4968, 0.2618, 0.2665
Android (android.graphics.Color)	4285101977 (0xFF697799)
YUV	118.6900, 16.9148, -12.0061
Hunter-Lab	43.0079, 0.1584, -15.0423

# Details

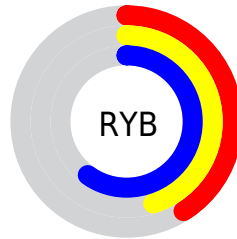
The Hex color **697799** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **998B69**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9DABCF**, and **384766** is the 20% darker color. If you saturate the color by 10%, you get **5A6C99**, and if you desaturate by 10%, it is **788299**.

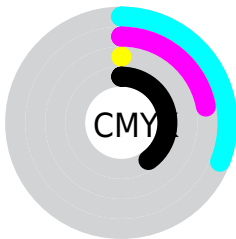
# Distribution



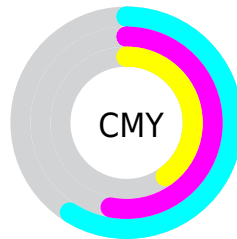
- Red (41%)
- Green (47%)
- Blue (60%)



- Red (41%)
- Yellow (45%)
- Blue (60%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (59%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 697799 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 697799 by changing the saturation by 10% instead.





697799



697799

FFFFFF



505E7F



9DABCF



384766



B9C6EC



20314E



D5E2FF



061C37



F1FFFF



000022



000007



000000



697799



697799



5A6C99



788299

■ 4A6199

■ 888D99

■ 3B5699

■ 979899

■ 2C4C99

■ A6A299

■ 1D4199

■ B6AD99

■ 0D3699

■ C5B899

■ 002D99

■ D4C399

■ E3CE99

■ F3D999

# Harmonies

## Analogous

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



527C97



697799



807192

# Triad

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



697799



986D62



58806A

# Complementary

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



697799



998B69

# 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.



6B7D5C



697799



8E7257

# Square

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



697799



9A6B73



7F7855



48817C

# Rectangle

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



697799



8D6D89



7F7855



5E7F65



# Sweetspot

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



697799



B5BAC7



69998B



595C63



E3E3E3



636363



# Same Dimension

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



697799



7B91C7



736999



45474D



00298C



00040D



# Inverse Universe

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



996977



C77B91



8F9969



4D4547



8C0029

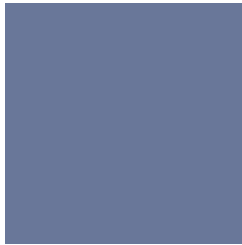


0D0004



# Previews

## White Background



This preview shows how the Hex color 697799 looks on a white background.

## Color Contrast Check

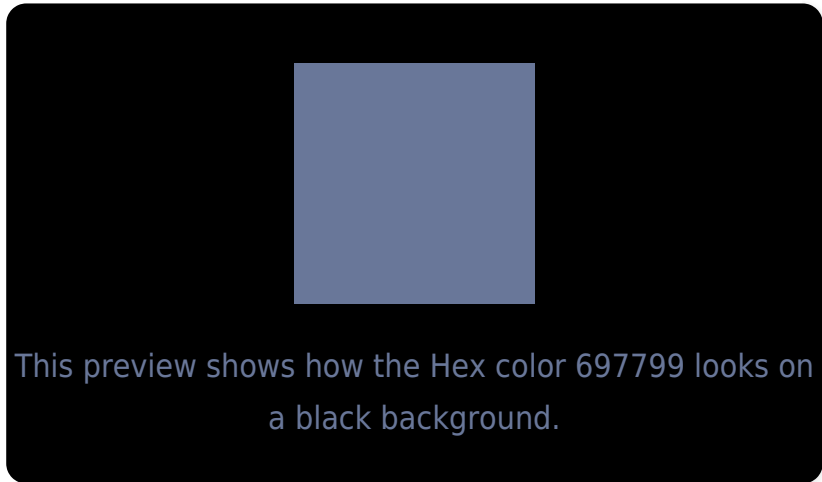
Large Text (above 18pt) WCAG AA ✓ Pass

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

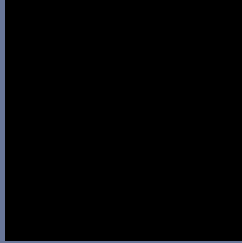
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

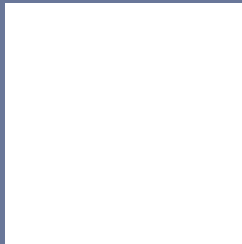
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 697799 Background



This preview shows how black text looks on a background with the Hex color 697799.



This preview shows how white text looks on a background with the Hex color 697799.

# 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**  
697799

**Protanopia**  
6E7698

**Deuteranopia**  
707599



**Tritanopia**  
647B84

# Trichromacy



**Original Color**  
697799

**Protanomaly**  
6C7698

**Deuteranomaly**  
6D7699

**Tritanomaly**  
667A8C

# Monochromacy



**Original Color**  
697799

**Achromatopsia**  
777777

**Achromatomaly**  
727783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 697799 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 #697799 looks like.

```
.text, #text, p{  
    color:#697799  
}
```

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 #697799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697799
}
```

## Border

The CSS property to change the border of an element to Hex 697799 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
#697799 }
```

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

```
.border{ border-color:#697799 }
```

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

Here you see how a box with a 4 pixel #697799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697799; -webkit-box-shadow:4px 4px  
4px 4px #697799; box-shadow:4px 4px 4px  
4px #697799 }
```

# Background

The CSS property to change the background color of an element to Hex 697799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697799 }
```

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

```
.background{ background-color:#697799 }
```

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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