

# Converting Colors

Hex(777696)

Have a look what the booklet for  
Hex(777696) contains.

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# Color

**Hex(777696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777696
RGB	119, 118, 150
RGB Percent	47%, 46%, 59%
CMY	0.5333, 0.5373, 0.4118
CMYK	0.21, 0.21, 0.00, 0.41
HSL	242°, 13%, 53%
HSV	242°, 21%, 59%
XYZ	19.5912, 19.0808, 31.5046
YIQ	121.9470, -9.6760, 10.1640

# Conversions

## Conversions Part 2

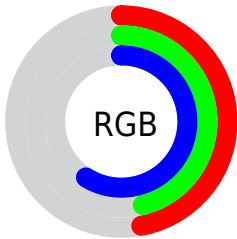
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 118, 150
Decimal	7829142
CIE <sub>Lab</sub>	50.78, 7.50, -17.14
CIE <sub>LCh</sub>	51, 18.712, 293.640
Yxy	19.0808, 0.2792, 0.2719
Android (android.graphics.Color)	4286019222 (0xFF777696)
YUV	121.9470, 13.8301, -2.5845
Hunter-Lab	43.6816, 3.6145, -12.1847

# Details

The Hex color **777696** is a dark color, and the websafe version is hex **666699**, and the color name is **rhythm**. A complement of this color would be **959676**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACAACC**, and **464663** is the 20% darker color. If you saturate the color by 10%, you get **686796**, and if you desaturate by 10%, it is **868596**.

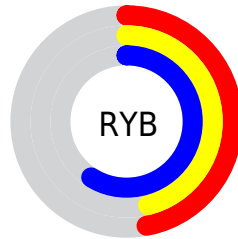
# Distribution



Red (47%)

Green (46%)

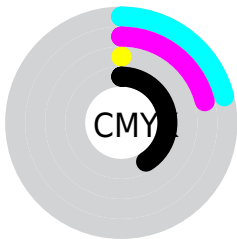
Blue (59%)



Red (47%)

Yellow (46%)

Blue (59%)

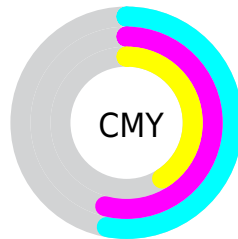


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (54%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 777696 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 777696 by changing the saturation by 10% instead.



■ 777696

■ 777696

FFFFFF

■ 5E5D7C

■ ACAACC

■ 464663

■ C7C5E8

■ 2F304B

■ E3E1FF

■ 191B34

FFFEFF

■ 02001F

■ 000003

■ 000000

■ 777696

■ 777696

■ 686796

■ 868596

■ 5A5896

■ 949496

■ 4B4996

■ A3A396

■ 3D3A96

■ B1B296

■ 2E2B96

■ C0C196

■ 201C96

■ CED096

■ 110D96

■ DDDF96

■ 050096

■ EBEE96

■ FAFD96

# Harmonies

## Analogous

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



617B98



777696



8A718C

# Triad

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



777696



947260



548275

# Complementary

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



777696



959676

# 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.



658066



777696



887759

# Square

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



777696



9A6E6D



777C5B



4B8285

# Rectangle

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



777696



936E82



777C5B



5A816F



# Sweetspot

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



777696



B7B6C2



769596



5A5A61



E0E0E0



616161



# Same Dimension

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



777696



918FC2



877696



43434A



04008A



00000A



# Inverse Universe

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



967695



C28FC0



859676



4A434A



8A0085



0A000A



# Previews

## White Background



This preview shows how the Hex color 777696 looks on a white background.

## Color Contrast Check

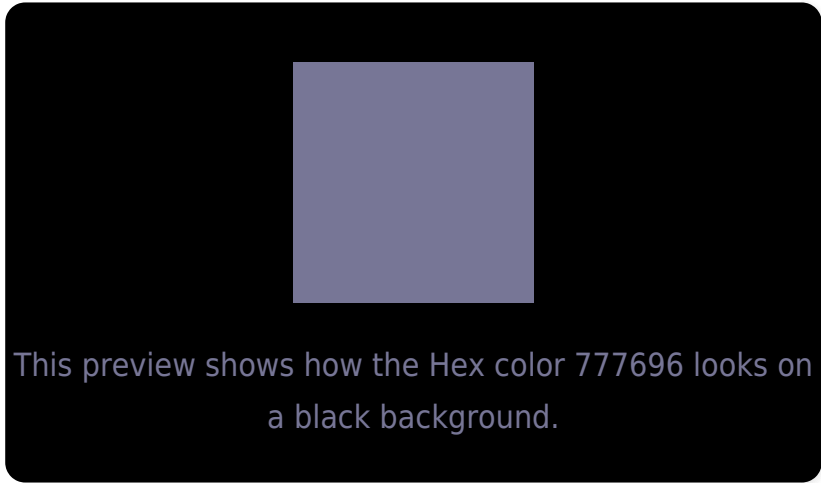
Large Text (above 18pt) WCAG AA ✓ Pass

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

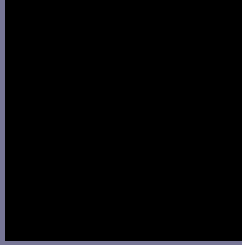
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 777696 Background



This preview shows how black text looks on a background with the Hex color 777696.



This preview shows how white text looks on a background with the Hex color 777696.

# 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**

777696

**Protanopia**

717897

**Deuteranopia**

767696



**Tritanopia**  
737983

# Trichromacy



**Original Color**

777696

**Protanomaly**

737797

**Deuteranomaly**

767696

**Tritanomaly**

74788A

# Monochromacy



**Original Color**

777696

**Achromatopsia**

7A7A7A

**Achromatomaly**

797984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777696 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 #777696 looks like.

```
.text, #text, p{  
    color:#777696  
}
```

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 #777696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777696
}
```

## Border

The CSS property to change the border of an element to Hex 777696 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
#777696 }
```

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

```
.border{ border-color:#777696 }
```

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

Here you see how a box with a 4 pixel #777696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777696; -webkit-box-shadow:4px 4px  
4px 4px #777696; box-shadow:4px 4px 4px  
4px #777696 }
```

# Background

The CSS property to change the background color of an element to Hex 777696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777696 }
```

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

```
.background{ background-color:#777696 }
```

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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