

# Converting Colors

Hex(77678C)

Have a look what the booklet for  
Hex(77678C) contains.

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# Color

Hex(77678C)

# Conversions

## Conversions Part 1

Format	Color
Hex	77678C
RGB	119, 103, 140
RGB Percent	47%, 40%, 55%
CMY	0.5333, 0.5961, 0.4510
CMYK	0.15, 0.26, 0.00, 0.45
HSL	266°, 15%, 48%
HSV	266°, 26%, 55%
XYZ	17.1916, 15.5159, 26.8997
YIQ	112.0020, -2.3410, 14.8990

# Conversions

## Conversions Part 2

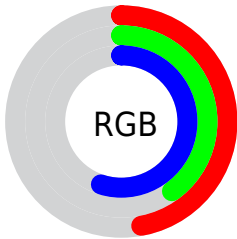
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 103, 140
Decimal	7825292
CIE <sub>Lab</sub>	46.33, 14.09, -18.02
CIE <sub>LCh</sub>	46, 22.879, 308.018
Yxy	15.5159, 0.2884, 0.2603
Android (android.graphics.Color)	4286015372 (0xFF77678C)
YUV	112.0020, 13.8030, 6.1372
Hunter-Lab	39.3902, 8.9724, -12.9162

# Details

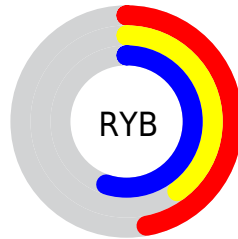
The Hex color **77678C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C8C67**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AC9AC2**, and **46385A** is the 20% darker color. If you saturate the color by 10%, you get **6F598C**, and if you desaturate by 10%, it is **7F758C**.

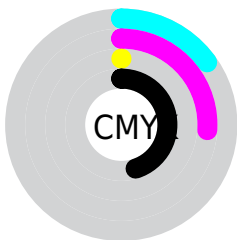
# Distribution



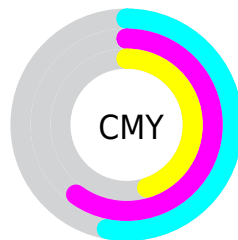
- Red (47%)
- Green (40%)
- Blue (55%)



- Red (47%)
- Yellow (40%)
- Blue (55%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77678C 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 77678C by changing the saturation by 10% instead.



■ 77678C

■ 77678C

FFFFFF

■ 5E4F72

■ AC9AC2

■ 46385A

■ C7B5DE

■ 2F2242

■ E3D1FA

■ 1A0E2C

■ FFEDFF

■ 000117

■ 000000

■ 77678C

■ 77678C

■ 6F598C

■ 7F758C

■ 674B8C

■ 87838C

5F3D8C

8F918C

572F8C

979F8C

4F218C

9FAD8C

47138C

A7BB8C

3F058C

AFC98C

3D008C

B7D78C

BFE58C

# Harmonies

## Analogous

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



5C6E93



77678C



8A617D

# Triad

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



77678C



87684B



367872

# Complementary

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



77678C



7C8C67

# 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.



4A775F



77678C



766E48

# Square

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



77678C



926257



61744F



2E7785

# Rectangle

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



77678C



925F70



61744F



3C786C



# Sweetspot

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



77678C



ADA7B5



677D8C



57535C



DBDBDB



5C5C5C



# Same Dimension

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



77678C



947BB5



89678C



413E45



390085



020005



# Inverse Universe

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



8C677C



B57B9C



6A8C67



453E42



85004B

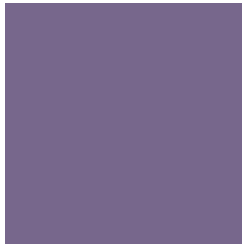


050003



# Previews

## White Background



This preview shows how the Hex color 77678C looks on a white background.

## Color Contrast Check

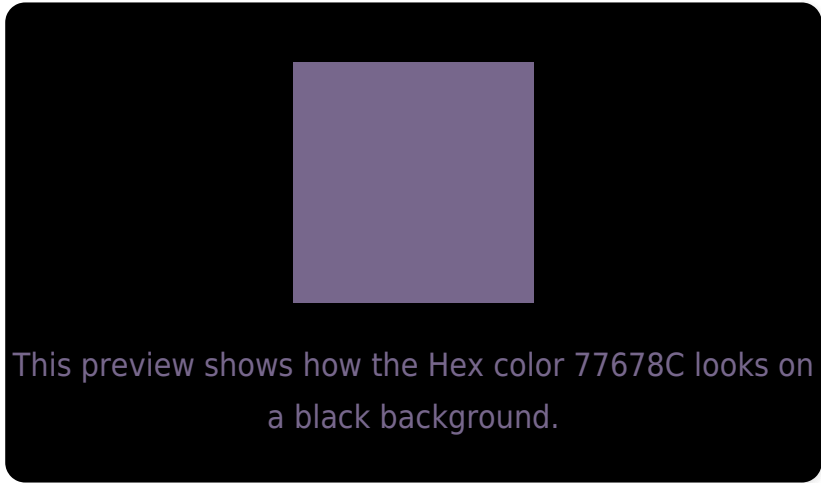
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

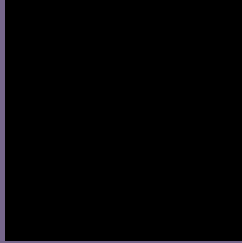
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77678C Background



This preview shows how black text looks on a background with the Hex color 77678C.



This preview shows how white text looks on a background with the Hex color 77678C.

# 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**  
736B74

# Trichromacy



**Original Color**

77678C

**Protanomaly**

6B6B8F

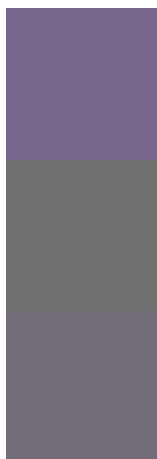
**Deuteranomaly**

6E6A8B

**Tritanomaly**

746A7D

# Monochromacy



**Original Color**

77678C

**Achromatopsia**

707070

**Achromatomaly**

736D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77678C 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 #77678C looks like.

```
.text, #text, p{  
    color:#77678C  
}
```

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 #77678C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77678C  
}
```

## Border

The CSS property to change the border of an element to Hex 77678C is called "border". The border property can be set on classes, ids or directly on the HTML element.

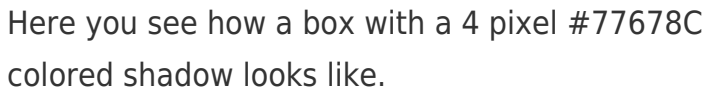
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#77678C }
```

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

```
.border{ border-color:#77678C }
```

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



Here you see how a box with a 4 pixel #77678C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77678C; -webkit-box-shadow:4px 4px  
4px 4px #77678C; box-shadow:4px 4px 4px  
4px #77678C }
```

# Background

The CSS property to change the background color of an element to Hex 77678C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77678C }
```

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

```
.background{ background-color:#77678C }
```

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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