

# Converting Colors

Hex(73608C)

Have a look what the booklet for  
Hex(73608C) contains.

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# Color

Hex(73608C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73608C
RGB	115, 96, 140
RGB Percent	45%, 38%, 55%
CMY	0.5490, 0.6235, 0.4510
CMYK	0.18, 0.31, 0.00, 0.45
HSL	266°, 19%, 46%
HSV	266°, 31%, 55%
XYZ	15.9867, 13.9040, 26.6521
YIQ	106.6970, -2.8000, 17.7120

# Conversions

## Conversions Part 2

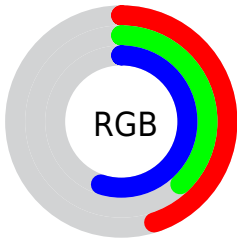
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 96, 140
Decimal	7561356
CIE <sub>Lab</sub>	44.09, 16.97, -21.50
CIE <sub>LCh</sub>	44, 27.388, 308.290
Yxy	13.9040, 0.2827, 0.2459
Android (android.graphics.Color)	4285751436 (0xFF73608C)
YUV	106.6970, 16.4184, 7.2817
Hunter-Lab	37.2881, 11.2751, -16.2765

# Details

The Hex color **73608C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **798C60**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A893C2**, and **42315A** is the 20% darker color. If you saturate the color by 10%, you get **6B528C**, and if you desaturate by 10%, it is **7B6E8C**.

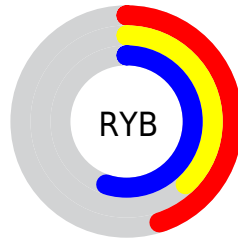
# Distribution



Red (45%)

Green (38%)

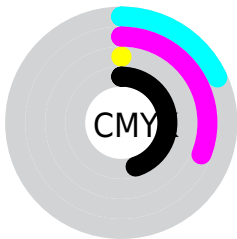
Blue (55%)



Red (45%)

Yellow (38%)

Blue (55%)

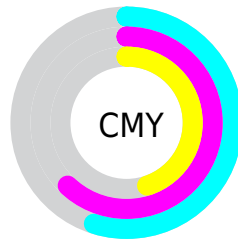


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (62%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73608C 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 73608C by changing the saturation by 10% instead.



■ 73608C

■ 73608C

FFFFFF

■ 5A4872

■ A893C2

■ 42315A

■ C3ADDE

■ 2B1C42

■ DFC9FA

■ 17042C

■ FCE5FF

■ 000117

■ 000000

■ 73608C

■ 73608C

■ 6B528C

■ 7B6E8C

■ 63448C

■ 837C8C

5B368C

8B8A8C

53288C

93988C

4B1A8C

9BA68C

430C8C

A3B48C

3C008C

ABC28C

B3D08C

BBDE8C

# Harmonies

## Analogous

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



516895



73608C



8A597A

# Triad

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



73608C



85613E



18746E

# Complementary

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



73608C



798C60

# 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.



3C7357



73608C



71693B

# Square

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



73608C



925A4D



586F44



007384

# Rectangle

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



73608C



92566A



586F44



257466



# Sweetspot

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



73608C



ACA5B5



607A8C



56525C



DBDBDB



5C5C5C



# Same Dimension

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



73608C



8E70B5



88608C



413E45



390085



020005



# Inverse Universe

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



8C6079



B57097



648C60



453E42



85004B

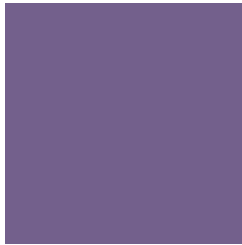


050003



# Previews

## White Background



This preview shows how the Hex color 73608C looks on a white background.

## Color Contrast Check

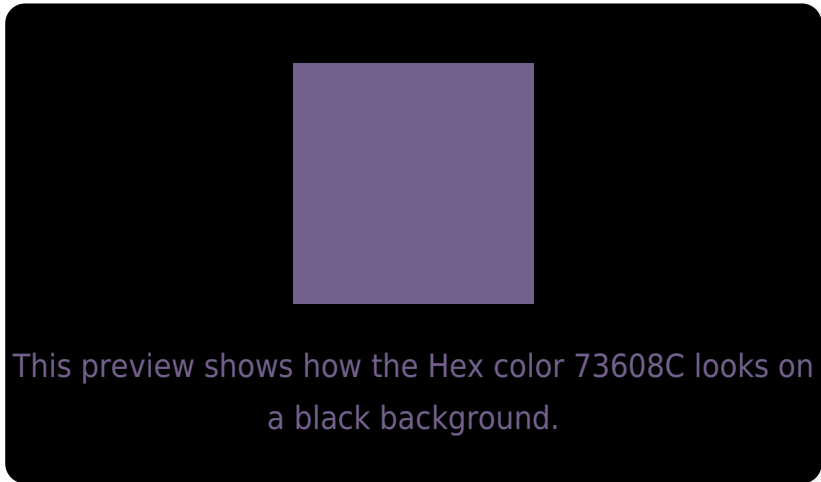
Large Text (above 18pt) WCAG AA ✓ Pass

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

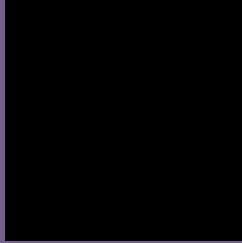
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73608C Background



This preview shows how black text looks on a background with the Hex color 73608C.

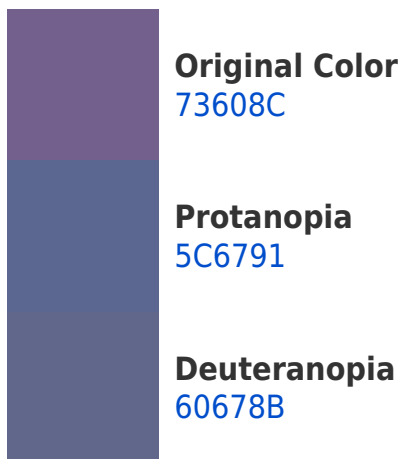


This preview shows how white text looks on a background with the Hex color 73608C.

# 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**  
6E666E

# Trichromacy



**Original Color**  
73608C

**Protanomaly**  
64648F

**Deuteranomaly**  
67648B

**Tritanomaly**  
706479

# Monochromacy



**Original Color**  
73608C

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73608C 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 #73608C looks like.

```
.text, #text, p{  
    color:#73608C  
}
```

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 #73608C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73608C
}
```

## Border

The CSS property to change the border of an element to Hex 73608C is called "border". The border property can be set on classes, ids or directly on the HTML element.

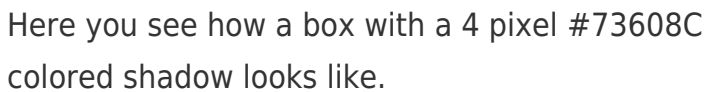
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73608C }
```

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

```
.border{ border-color:#73608C }
```

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



Here you see how a box with a 4 pixel #73608C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73608C; -webkit-box-shadow:4px 4px  
4px 4px #73608C; box-shadow:4px 4px 4px  
4px #73608C }
```

# Background

The CSS property to change the background color of an element to Hex 73608C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73608C }
```

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

```
.background{ background-color:#73608C }
```

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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