

# Converting Colors

Hex(73669E)

Have a look what the booklet for  
Hex(73669E) contains.

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# Color

**Hex(73669E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73669E
RGB	115, 102, 158
RGB Percent	45%, 40%, 62%
CMY	0.5490, 0.6000, 0.3804
CMYK	0.27, 0.35, 0.00, 0.38
HSL	254°, 22%, 51%
HSV	254°, 35%, 62%
XYZ	17.9932, 15.6162, 34.4136
YIQ	112.2710, -10.2280, 20.1720

# Conversions

## Conversions Part 2

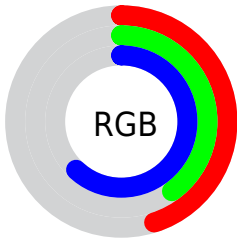
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 102, 158
Decimal	7562910
CIE <sub>Lab</sub>	46.47, 17.84, -28.53
CIE <sub>LCh</sub>	46, 33.652, 302.018
Yxy	15.6162, 0.2645, 0.2296
Android (android.graphics.Color)	4285752990 (0xFF73669E)
YUV	112.2710, 22.5444, 2.3933
Hunter-Lab	39.5173, 12.1198, -23.9705

# Details

The Hex color **73669E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **919E66**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A899D5**, and **41376A** is the 20% darker color. If you saturate the color by 10%, you get **67569E**, and if you desaturate by 10%, it is **7F769E**.

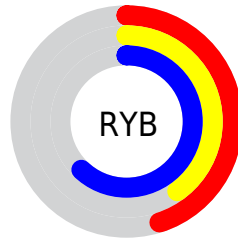
# Distribution



Red (45%)

Green (40%)

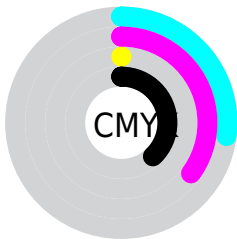
Blue (62%)



Red (45%)

Yellow (40%)

Blue (62%)

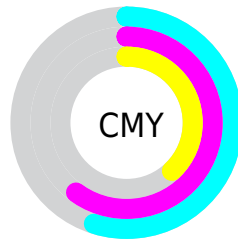


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (60%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73669E 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 73669E by changing the saturation by 10% instead.



73669E

73669E

FFFFFF

5A4E84

A899D5

41376A

C4B4F1

292152

E0CFFF

110D3A

FDECFE

000024

00000C

000000

73669E

73669E

67569E

7F769E

■ 5B469E

■ 8B869E

■ 4F379E

■ 97959E

■ 42279E

■ A4A59E

■ 36179E

■ B0B59E

■ 2A079E

■ BCC59E

■ 25009E

■ C8D59E

■ D4E49E

■ E0F49E

# Harmonies

## Analogous

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



4370A6



73669E



935C89

# Triad

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



73669E



95633D



007D6F

# Complementary

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



73669E



919E66

# 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.



3C7A53



73669E



7E6D34

# Square

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



73669E



A25A52



60753D



007C8B

# Rectangle

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



73669E



9F5877



60753D



187C65



# Sweetspot

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



73669E



BDB8CF



66929E



5E5B69



E8E8E8



696969



# Same Dimension

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



73669E



8A76CF



8E669E



49474F



21008F



04000F



# Inverse Universe

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



9E6691



CF76BA



769E66



4F474D



8F006E



0F000C



# Previews

## White Background



This preview shows how the Hex color 73669E looks on a white background.

## Color Contrast Check

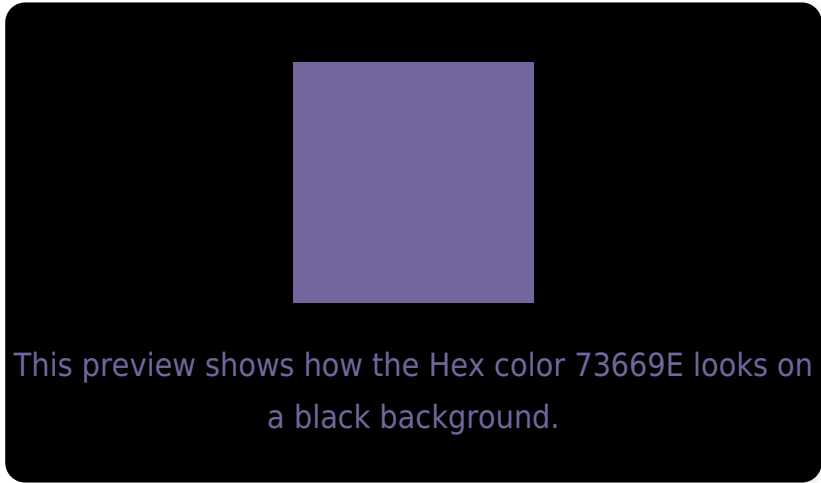
Large Text (above 18pt) WCAG AA ✓ Pass

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

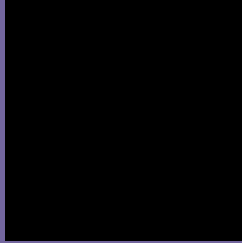
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73669E Background



This preview shows how black text looks on a background with the Hex color 73669E.

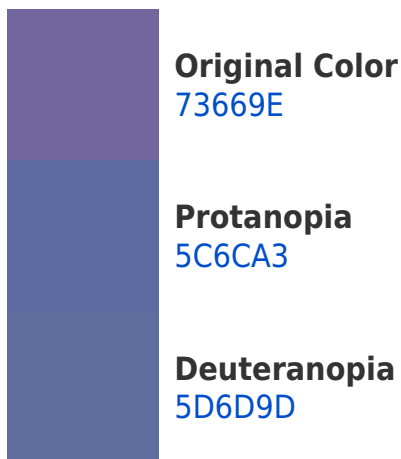


This preview shows how white text looks on a background with the Hex color 73669E.

# 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**  
6B6E77

# Trichromacy



**Original Color**  
73669E

**Protanomaly**  
646AA1

**Deuteranomaly**  
656A9D

**Tritanomaly**  
6E6B85

# Monochromacy



**Original Color**  
73669E

**Achromatopsia**  
707070

**Achromatomaly**  
716C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73669E 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 #73669E looks like.

```
.text, #text, p{  
    color:#73669E  
}
```

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 #73669E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73669E
}
```

## Border

The CSS property to change the border of an element to Hex 73669E 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".

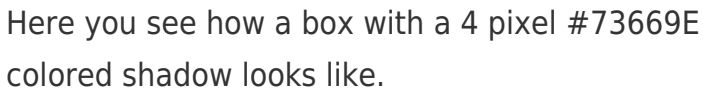
```
.border, #border, table{ border:4px solid
#73669E }
```

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

```
.border{ border-color:#73669E }
```

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

Here you see how a box with a 4 pixel #73669E colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73669E; -webkit-box-shadow:4px 4px  
4px 4px #73669E; box-shadow:4px 4px 4px  
4px #73669E }
```

# Background

The CSS property to change the background color of an element to Hex 73669E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73669E }
```

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

```
.background{ background-color:#73669E }
```

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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