

# Converting Colors

Hex(700769)

Have a look what the booklet for  
Hex(700769) contains.

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# Color

**Hex(700769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700769
RGB	112, 7, 105
RGB Percent	44%, 3%, 41%
CMY	0.5608, 0.9725, 0.5882
CMYK	0.00, 0.94, 0.06, 0.56
HSL	304°, 88%, 23%
HSV	304°, 94%, 44%
XYZ	9.3079, 4.6166, 13.7651
YIQ	49.5670, 31.1220, 52.7380

# Conversions

## Conversions Part 2

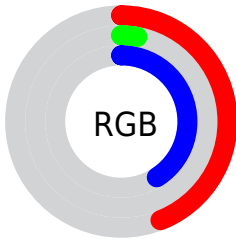
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 7, 105
Decimal	7341929
CIELab	25.61, 51.10, -28.63
CIELCh	26, 58.572, 330.738
Yxy	4.6166, 0.3362, 0.1667
Android (android.graphics.Color)	4285532009 (0xFF700769)
YUV	49.5670, 27.3285, 54.7537
Hunter-Lab	21.4863, 39.7251, -22.9434

# Details

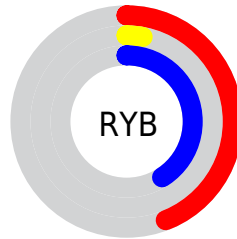
The Hex color **700769** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **07700E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A7469D**, and **3C0039** is the 20% darker color. If you saturate the color by 10%, you get **700069**, and if you desaturate by 10%, it is **70126A**.

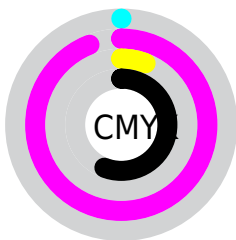
# Distribution



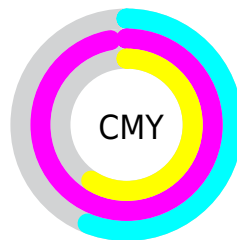
- Red (44%)
- Green (3%)
- Blue (41%)



- Red (44%)
- Yellow (3%)
- Blue (41%)



- Cyan (0%)
- Magenta (94%)
- Yellow (6%)
- Black (56%)



- Cyan (56%)
- Magenta (97%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700769 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 700769 by changing the saturation by 10% instead.



 700769

 700769

FFFFFF

 560051

 A7469D

 3C0039

 C360B8

 240023

 E07BD4

 000009

 FE96F0

 000000

 FFB2FF

 FFCFFF

 FFECFF

 700769

 700769

■ 700069

■ 70126A

■ 701D6A

■ 70296B

■ 70346C

■ 703F6D

■ 704A6D

■ 70556E

■ 70616F

■ 706C70

# Harmonies

## Analogous

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



32308B



700769



86003E

# Triad

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



700769



4B3C00



004E6A

# Complementary

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



700769



07700E

# 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.



004E3D



700769



1B4600

# Square

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



700769



6C2700



004C0A



004C8B

# Rectangle

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



700769



850021



004C0A



004E5B



# Sweetspot

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



700769



91698F



0E0770



4A3148



C9C9C9



4A4A4A



# Same Dimension

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



700769



910088



700735



383238



780070



F700E7



# Inverse Universe

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



700769



910088



077042



383238



780070



F700E7



# Previews

## White Background



This preview shows how the Hex color 700769 looks on a white background.

## Color Contrast Check

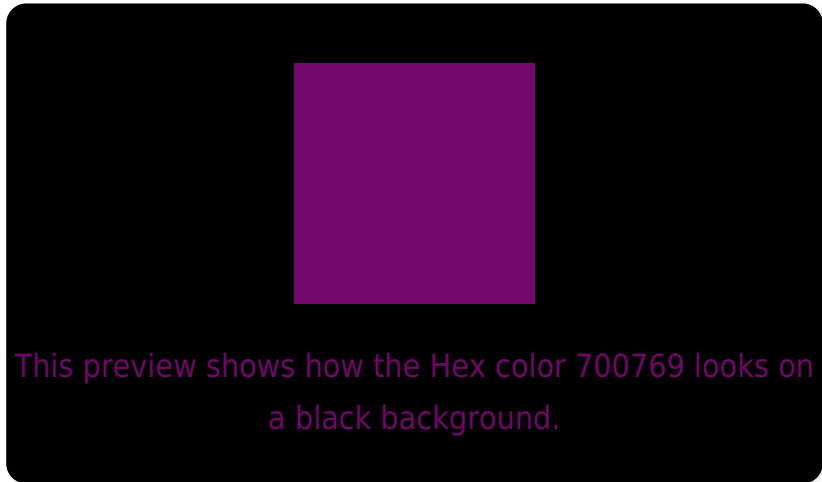
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

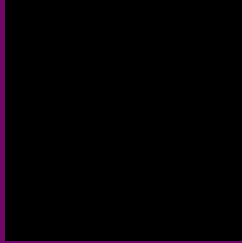
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 700769 Background



This preview shows how black text looks on a background with the Hex color 700769.



This preview shows how white text looks on a background with the Hex color 700769.

# 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**

700769

**Protanopia**

003D82

**Deuteranopia**

2D3F63



**Tritanopia**  
6A2A2C

# Trichromacy



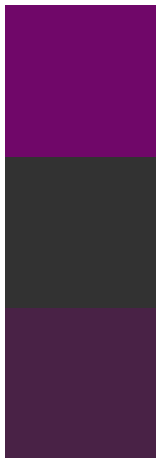
**Original Color**  
700769

**Protanomaly**  
292979

**Deuteranomaly**  
452B65

**Tritanomaly**  
6C1D42

# Monochromacy



**Original Color**  
700769

**Achromatopsia**  
323232

**Achromatomaly**  
492246

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700769 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 #700769 looks like.

```
.text, #text, p{  
    color:#700769  
}
```

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 #700769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700769
}
```

## Border

The CSS property to change the border of an element to Hex 700769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

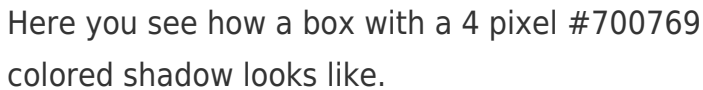
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700769 }
```

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

```
.border{ border-color:#700769 }
```

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



Here you see how a box with a 4 pixel #700769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700769; -webkit-box-shadow:4px 4px  
4px 4px #700769; box-shadow:4px 4px 4px  
4px #700769 }
```

# Background

The CSS property to change the background color of an element to Hex 700769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700769 }
```

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

```
.background{ background-color:#700769 }
```

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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