

Converting Colors

Hex(700089)

Have a look what the booklet for
Hex(700089) contains.

Hex(700089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(700089)

Conversions

Conversions Part 1

Format	Color
Hex	700089
RGB	112, 0, 137
RGB Percent	44%, 0%, 54%
CMY	0.5608, 1.0000, 0.4627
CMYK	0.18, 1.00, 0.00, 0.46
HSL	289°, 100%, 27%
HSV	289°, 100%, 54%
XYZ	11.1974, 5.2509, 24.0903
YIQ	49.1060, 22.7750, 66.3510

Conversions

Conversions Part 2

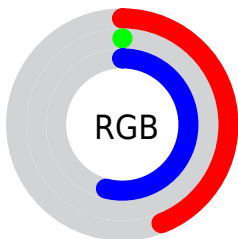
Format	Color
R_{YB}	112, 0, 137
Decimal	7340169
CIE _{Lab}	27.44, 57.88, -46.07
CIE _{LCh}	27, 73.977, 321.480
Yxy	5.2509, 0.2762, 0.1295
Android (android.graphics.Color)	4285530249 (0xFF700089)
YUV	49.1060, 43.3317, 55.1580
Hunter-Lab	22.9148, 47.1241, -46.2910

Details

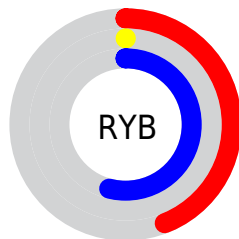
The Hex color **700089** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **198900**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A845BF**, and **3A0056** is the 20% darker color. If you saturate the color by 10%, you get **700089**, and if you desaturate by 10%, it is **720E89**.

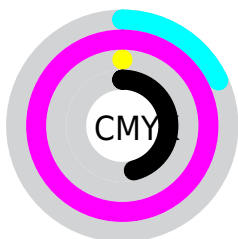
Distribution



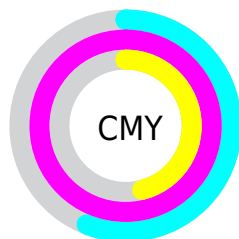
- Red (44%)
- Green (0%)
- Blue (54%)



- Red (44%)
- Yellow (0%)
- Blue (54%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (56%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 700089 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 700089 by changing the saturation by 10% instead.

 700089

 700089

FFFFFF

 55006F

 A845BF

 3A0056

 C461DB

 22003E

 E17CF8

 000027

 FF97FF

 000110

 FF33FF

 000000

 FFD0FF

 FFEDFF

 700089

■ 720E89

■ 751B89

■ 772989

■ 7A3789

■ 7C4589

■ 7F5289

■ 826089

■ 846E89

■ 877B89

Harmonies

Analogous

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



003AAE



700089



970054

Triad

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



700089



5E3900



005669

Complementary

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



700089



198900

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.



00542E



700089



274A00

Square

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



700089



840F00



005100



00559B

Rectangle

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



700089



9D002F



005100



005556

Sweetspot

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



700089



A97DB3



001989



533959



D9D9D9



595959

Same Dimension

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



700089



9200B3



89005E



443E45



6C0085



040005

Inverse Universe

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



890019



B30021



00892B



453E3F



850018



050001

Previews

White Background



This preview shows how the Hex color 700089 looks on a white background.

Color Contrast Check

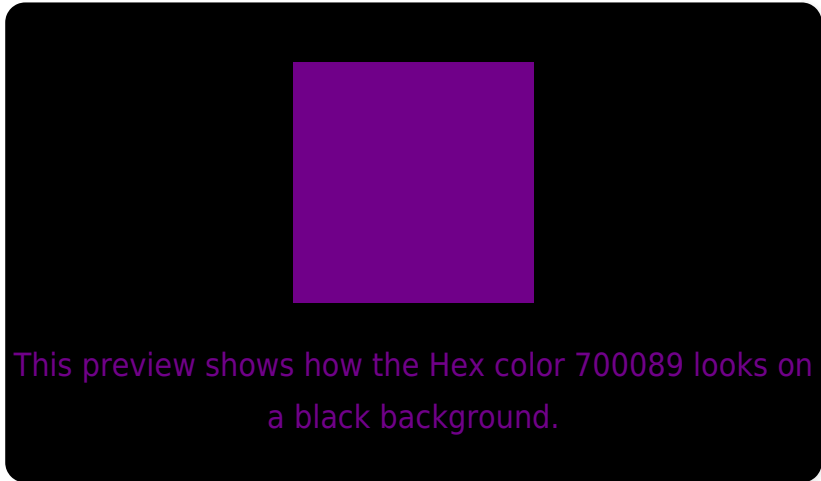
Large Text (above 18pt) WCAG AA ✓ Pass

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

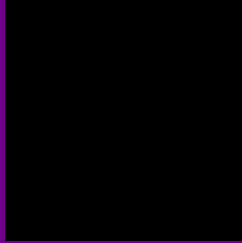
Any Text WCAG AA × Fail

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 700089 Background



This preview shows how black text looks on a background with the Hex color 700089.



This preview shows how white text looks on a background with the Hex color 700089.

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
700089

Protanopia
00428B

Deuteranopia
00467A



Tritanopia
65363A

Trichromacy



Original Color
700089

Protanomaly
292A8A

Deuteranomaly
292D7F

Tritanomaly
692257

Monochromacy



Original Color
700089

Achromatopsia
313131

Achromatomaly
481F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 700089 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 #700089 looks like.

```
.text, #text, p{  
    color:#700089  
}
```

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 #700089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700089
}
```

Border

The CSS property to change the border of an element to Hex 700089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

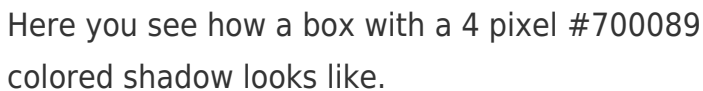
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700089 }
```

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

```
.border{ border-color:#700089 }
```

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



Here you see how a box with a 4 pixel #700089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700089; -webkit-box-shadow:4px 4px  
4px 4px #700089; box-shadow:4px 4px 4px  
4px #700089 }
```

Background

The CSS property to change the background color of an element to Hex 700089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700089 }
```

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

```
.background{ background-color:#700089 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor