

Converting Colors

Hex(670A9F)

Have a look what the booklet for
Hex(670A9F) contains.

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Color

Hex(670A9F)

Conversions

Conversions Part 1

Format	Color
Hex	670A9F
RGB	103, 10, 159
RGB Percent	40%, 4%, 62%
CMY	0.5961, 0.9608, 0.3765
CMYK	0.35, 0.94, 0.00, 0.38
HSL	277°, 88%, 33%
HSV	277°, 94%, 62%
XYZ	11.9601, 5.6039, 33.2522
YIQ	54.7930, 7.5990, 66.0550

Conversions

Conversions Part 2

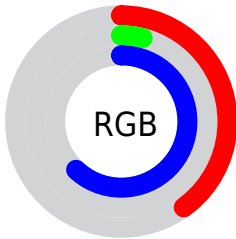
Format	Color
R_{YB}	103, 10, 159
Decimal	6752927
CIE _{Lab}	28.39, 59.22, -58.15
CIE _{LCh}	28, 82.994, 315.521
Yxy	5.6039, 0.2354, 0.1103
Android (android.graphics.Color)	4284943007 (0xFF670A9F)
YUV	54.7930, 51.3741, 42.2775
Hunter-Lab	23.6725, 48.7570, -66.7126

Details

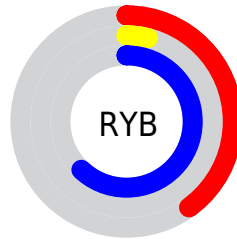
The Hex color **670A9F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **429F0A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A049D7**, and **2E006A** is the 20% darker color. If you saturate the color by 10%, you get **63009F**, and if you desaturate by 10%, it is **6D1A9F**.

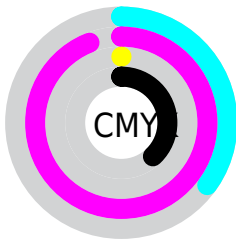
Distribution



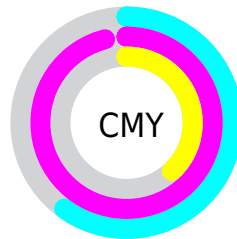
- Red (40%)
- Green (4%)
- Blue (62%)



- Red (40%)
- Yellow (4%)
- Blue (62%)



- Cyan (35%)
- Magenta (94%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (96%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670A9F 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 670A9F by changing the saturation by 10% instead.

 670A9F

 670A9F

FFFFFF

 4B0084


 A049D7

 2E006A

 BC64F4

 100051

 DA7FFF

 000039

 F89BFF

 000222

 FFB7FF

 000009

 FFD3FF

 000000

 FFF0FF

 670A9F

 670A9F

63009F

6D1A9F

732A9F

793A9F

7F4A9F

855A9F

8B699F

91799F

97899F

9D999F

Harmonies

Analogous

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



0042C3



670A9F



9F0065

Triad

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



670A9F



6C3400



005964

Complementary

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



670A9F



429F0A

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.



005720



670A9F



334B00

Square

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



670A9F



940000



005400



005AA0

Rectangle

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



670A9F



A9003B



005400



00594E

Sweetspot

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



670A9F



B995CF



0A439F



5B4569



E8E8E8



696969

Same Dimension

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



670A9F



8100CF



9F0A8E



4C474F



59008F



0A000F

Inverse Universe

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



9F0A42



CF004E



0A9F1B



4F474A



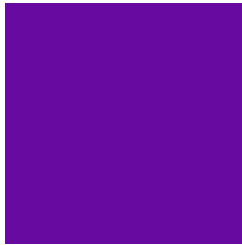
8F0036



0F0006

Previews

White Background



This preview shows how the Hex color 670A9F looks on a white background.

Color Contrast Check

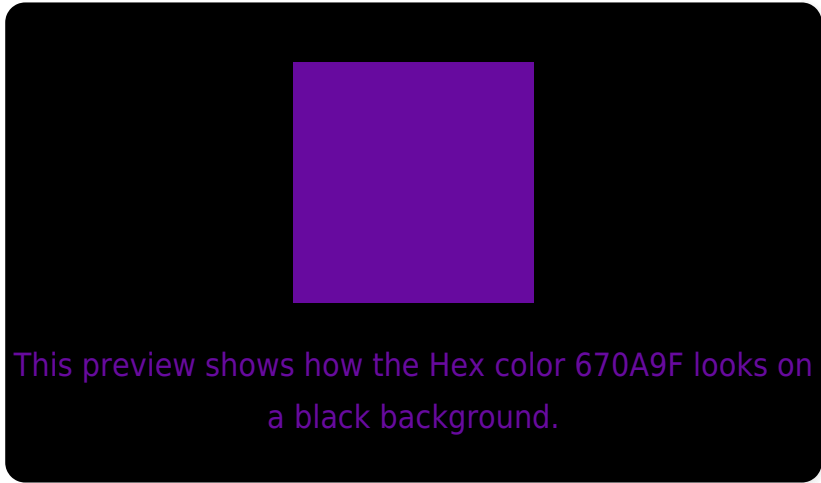
Large Text (above 18pt) WCAG AA ✓ Pass

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

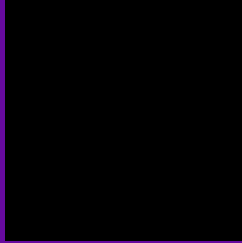
Any Text WCAG AA × Fail

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 670A9F Background



This preview shows how black text looks on a background with the Hex color 670A9F.

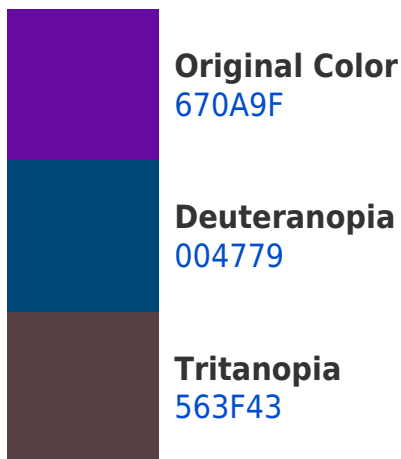


This preview shows how white text looks on a background with the Hex color 670A9F.

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



Trichromacy



Original Color
670A9F

Deuteranomaly
253187

Tritanomaly
5C2C64

Monochromacy



Original Color
670A9F

Achromatopsia
373737

Achromatomaly
48275D

CSS Examples

Text

The CSS property to change the color of the text to Hex 670A9F 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 #670A9F looks like.

```
.text, #text, p{  
    color:#670A9F  
}
```

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 #670A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670A9F
}
```

Border

The CSS property to change the border of an element to Hex 670A9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

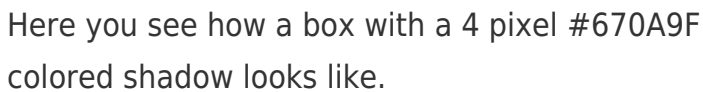
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670A9F }
```

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

```
.border{ border-color:#670A9F }
```

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



Here you see how a box with a 4 pixel #670A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670A9F; -webkit-box-shadow:4px 4px  
4px 4px #670A9F; box-shadow:4px 4px 4px  
4px #670A9F }
```

Background

The CSS property to change the background color of an element to Hex 670A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670A9F }
```

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

```
.background{ background-color:#670A9F }
```

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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