

Converting Colors

Hex(701F99)

Have a look what the booklet for
Hex(701F99) contains.

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Color

Hex(701F99)

Conversions

Conversions Part 1

Format	Color
Hex	701F99
RGB	112, 31, 153
RGB Percent	44%, 12%, 60%
CMY	0.5608, 0.8784, 0.4000
CMYK	0.27, 0.80, 0.00, 0.40
HSL	280°, 66%, 36%
HSV	280°, 80%, 60%
XYZ	12.9218, 6.7246, 30.7539
YIQ	69.1270, 9.1140, 55.1140

Conversions

Conversions Part 2

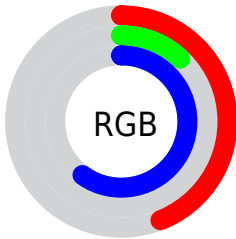
Format	Color
R_{YB}	112, 31, 153
Decimal	7348121
CIE _{Lab}	31.17, 53.77, -49.89
CIE _{LCh}	31, 73.353, 317.143
Yxy	6.7246, 0.2564, 0.1334
Android (android.graphics.Color)	4285538201 (0xFF701F99)
YUV	69.1270, 41.3494, 37.5996
Hunter-Lab	25.9319, 43.5657, -52.1627

Details

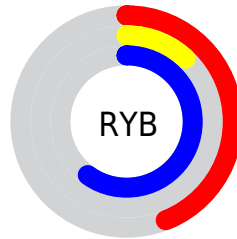
The Hex color **701F99** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **48991F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A855D0**, and **3A0065** is the 20% darker color. If you saturate the color by 10%, you get **6B1099**, and if you desaturate by 10%, it is **752E99**.

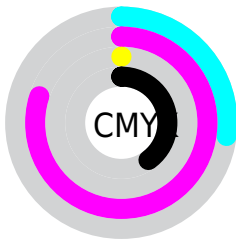
Distribution



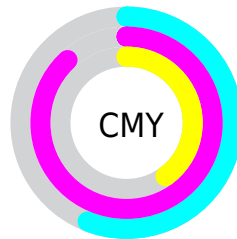
- Red (44%)
- Green (12%)
- Blue (60%)



- Red (44%)
- Yellow (12%)
- Blue (60%)



- Cyan (27%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701F99 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 701F99 by changing the saturation by 10% instead.

701F99

701F99

FFFFFF

55007F

A855D0

3A0065

C470ED

21004C

E18BFF

000034

FFA6FF

00021E

FFC2FF

000000

FFDFFF

FFFCFF

701F99

701F99

■ 6B1099

■ 752E99

■ 660099

■ 7A3E99

■ 7F4D99

■ 855C99

■ 8A6B99

■ 8F7B99

■ 948A99

■ 999999

■ 9EA999

Harmonies

Analogous

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



0046BA



701F99



9F0065

Triad

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



701F99



6F3E00



005F6A

Complementary

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



701F99



48991F

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.



005E2D



701F99



3B5100

Square

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



701F99



941300



005A00



005F9E

Rectangle

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



701F99



A8003F



005A00



005F56

Sweetspot

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



701F99



B797C7



1F4A99



5A4763



E3E3E3



636363

Same Dimension

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



701F99



8708C7



991F87



4A454D



5D008C



08000D

Inverse Universe

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



991F48



C70848



1F9931



4D4547



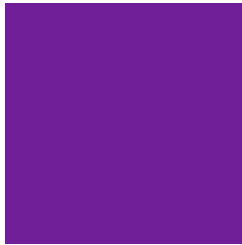
8C002F



0D0004

Previews

White Background



This preview shows how the Hex color 701F99 looks on a white background.

Color Contrast Check

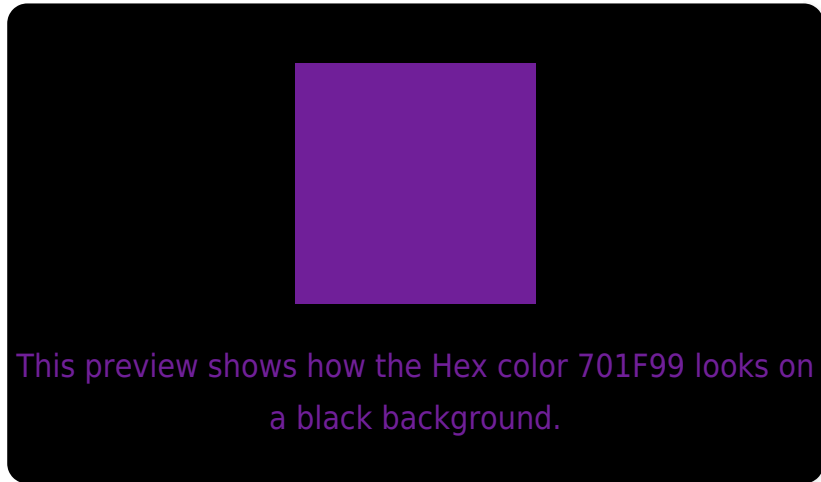
Large Text (above 18pt) WCAG AA ✓ Pass

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

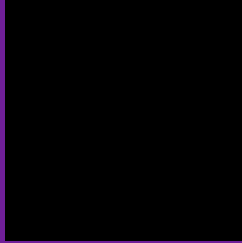
Any Text WCAG AA × Fail

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 701F99 Background



This preview shows how black text looks on a background with the Hex color 701F99.



This preview shows how white text looks on a background with the Hex color 701F99.

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
701F99

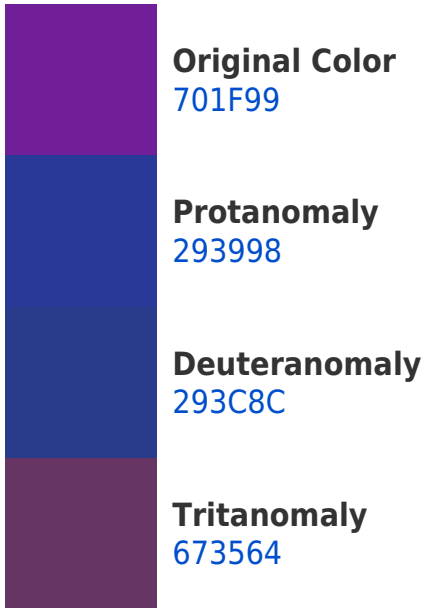
Protanopia
004898

Deuteranopia
004C85

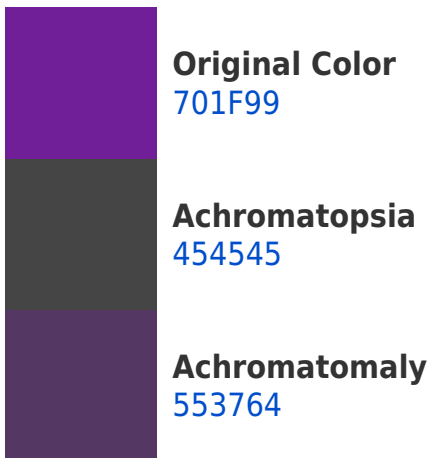


Tritanopia
624146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 701F99 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 #701F99 looks like.

```
.text, #text, p{  
    color:#701F99  
}
```

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 #701F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701F99
}
```

Border

The CSS property to change the border of an element to Hex 701F99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

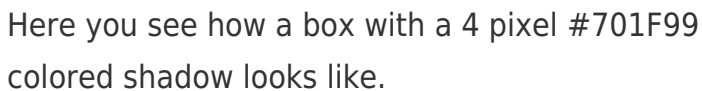
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701F99 }
```

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

```
.border{ border-color:#701F99 }
```

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



Here you see how a box with a 4 pixel #701F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701F99; -webkit-box-shadow:4px 4px  
4px 4px #701F99; box-shadow:4px 4px 4px  
4px #701F99 }
```

Background

The CSS property to change the background color of an element to Hex 701F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701F99 }
```

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

```
.background{ background-color:#701F99 }
```

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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