

Converting Colors

Hex(74009C)

Have a look what the booklet for
Hex(74009C) contains.

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Color

Hex(74009C)

Conversions

Conversions Part 1

Format	Color
Hex	74009C
RGB	116, 0, 156
RGB Percent	45%, 0%, 61%
CMY	0.5451, 1.0000, 0.3882
CMYK	0.26, 1.00, 0.00, 0.39
HSL	285°, 100%, 31%
HSV	285°, 100%, 61%
XYZ	13.2032, 6.1133, 31.9366
YIQ	52.4680, 19.0600, 73.1080

Conversions

Conversions Part 2

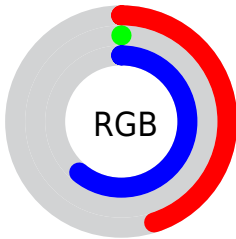
Format	Color
R_{YB}	116, 0, 156
Decimal	7602332
CIE _{Lab}	29.70, 61.98, -54.10
CIE _{LCh}	30, 82.270, 318.886
Yxy	6.1133, 0.2576, 0.1193
Android (android.graphics.Color)	4285792412 (0xFF74009C)
YUV	52.4680, 51.0413, 55.7176
Hunter-Lab	24.7251, 52.0501, -59.2754

Details

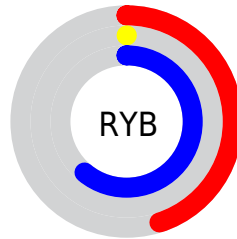
The Hex color **74009C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **289C00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **AD48D3**, and **3C0068** is the 20% darker color. If you saturate the color by 10%, you get **74009C**, and if you desaturate by 10%, it is **78109C**.

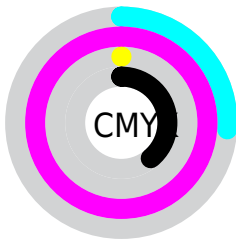
Distribution



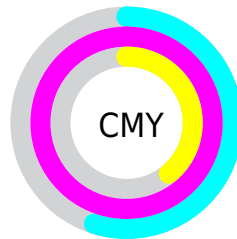
- Red (45%)
- Green (0%)
- Blue (61%)



- Red (45%)
- Yellow (0%)
- Blue (61%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (55%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74009C 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 74009C by changing the saturation by 10% instead.

 74009C

 74009C

FFFFFF

 580081

 AD48D3

 3C0068

 CA63F0

 24004F

 E77FFF

 000037

 FF9BFF

 000220

 FFB7FF

 000005

 FFD3FF

 000000

 FFF1FF

 74009C

 78109C

 7C1F9C

 802F9C

 843E9C

 884E9C

 8C5E9C

 906D9C

 947D9C

 988C9C

Harmonies

Analogous

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



0042C3



74009C



A50061

Triad

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



74009C



6A3B00



005D6E

Complementary

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



74009C



289C00

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.



005B2B



74009C



2E4F00

Square

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



74009C



940000



005800



005DA8

Rectangle

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



74009C



AD0037



005800



005C58

Sweetspot

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



74009C



BC8FCC



002A9C



5D4166



E6E6E6



666666

Same Dimension

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



74009C



9800CC



9C0078



4D474F



6A008F



0B000F

Inverse Universe

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



9C0028



CC0034



009C24



4F4749



8F0025



0F0004

Previews

White Background



This preview shows how the Hex color 74009C looks on a white background.

Color Contrast Check

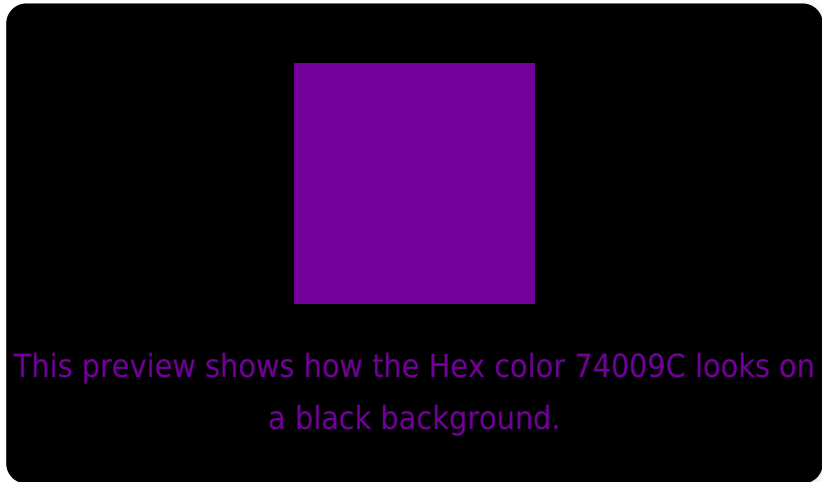
Large Text (above 18pt) WCAG AA ✓ Pass

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

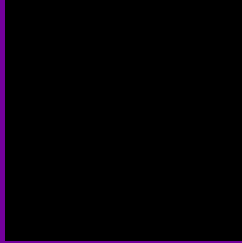
Any Text WCAG AA × Fail

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 74009C Background



This preview shows how black text looks on a background with the Hex color 74009C.



This preview shows how white text looks on a background with the Hex color 74009C.

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
74009C

Protanopia
004694

Deuteranopia
004B81



Tritanopia
663D42

Trichromacy



Original Color
74009C



Protanomaly
2A2D97



Deuteranomaly
2A308B



Tritanomaly
6B2763

Monochromacy



Original Color
74009C



Achromatopsia
343434



Achromatomaly
4B215A

CSS Examples

Text

The CSS property to change the color of the text to Hex 74009C 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 #74009C looks like.

```
.text, #text, p{  
    color:#74009C  
}
```

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 #74009C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74009C
}
```

Border

The CSS property to change the border of an element to Hex 74009C is called "border". The border property can be set on classes, ids or directly on the HTML element.

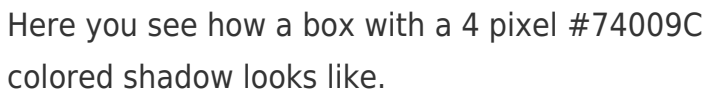
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74009C }
```

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

```
.border{ border-color:#74009C }
```

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



Here you see how a box with a 4 pixel #74009C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74009C; -webkit-box-shadow:4px 4px  
4px 4px #74009C; box-shadow:4px 4px 4px  
4px #74009C }
```

Background

The CSS property to change the background color of an element to Hex 74009C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74009C }
```

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

```
.background{ background-color:#74009C }
```

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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