

Converting Colors

Hex(74308B)

Have a look what the booklet for
Hex(74308B) contains.

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Color

Hex(74308B)

Conversions

Conversions Part 1

Format	Color
Hex	74308B
RGB	116, 48, 139
RGB Percent	45%, 19%, 55%
CMY	0.5451, 0.8118, 0.4549
CMYK	0.17, 0.65, 0.00, 0.45
HSL	285°, 49%, 37%
HSV	285°, 65%, 55%
XYZ	12.9196, 7.6910, 25.2297
YIQ	78.7060, 11.3170, 42.7170

Conversions

Conversions Part 2

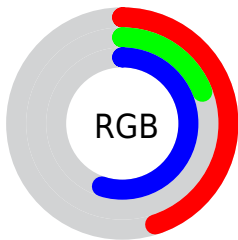
Format	Color
R _Y B	116, 48, 139
Decimal	7614603
CIE Lab	33.33, 44.45, -37.79
CIE LCh	33, 58.342, 319.631
Yxy	7.6910, 0.2818, 0.1678
Android (android.graphics.Color)	4285804683 (0xFF74308B)
YUV	78.7060, 29.7249, 32.7068
Hunter-Lab	27.7326, 34.6245, -34.5260

Details

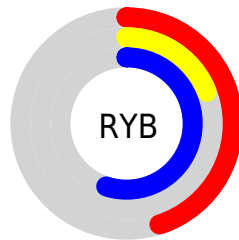
The Hex color **74308B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **478B30**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AA63C1**, and **400058** is the 20% darker color. If you saturate the color by 10%, you get **70228B**, and if you desaturate by 10%, it is **783E8B**.

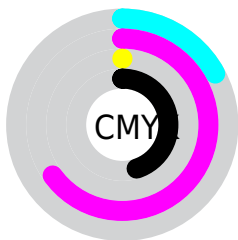
Distribution



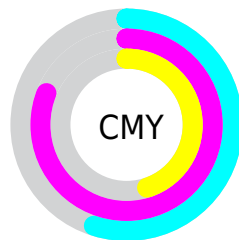
- Red (45%)
- Green (19%)
- Blue (55%)



- Red (45%)
- Yellow (19%)
- Blue (55%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74308B 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 74308B by changing the saturation by 10% instead.

 74308B

 74308B

FFFFFF

 5A1571

 AA63C1

 400058

 C77DDD

 280040

 E398FA

 06002A

 FFB3FF

 000113

 FFCFFF

 000000

 FFE0FF

 74308B

 74308B

 70228B

 783E8B

6D148B

7B4C8B

69068B

7F5A8B

68008B

82688B

86768B

89838B

8D918B

909F8B

94AD8B

Harmonies

Analogous

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



0D49A7



74308B



970D60

Triad

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



74308B



6E4700



00626C

Complementary

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



74308B



478B30

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.



00613C



74308B



445500

Square

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



74308B



8C2F02



005D05



006095

Rectangle

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



74308B



9D0542



005D05



00625D

Sweetspot

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



74308B



AC91B5



30488B



56465C



DBDBDB



5C5C5C

Same Dimension

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



74308B



9126B5



8B3076



433E45



630085



040005

Inverse Universe

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



8B3047



B5264A



308B45



453E40



850022



050001

Previews

White Background



This preview shows how the Hex color 74308B looks on a white background.

Color Contrast Check

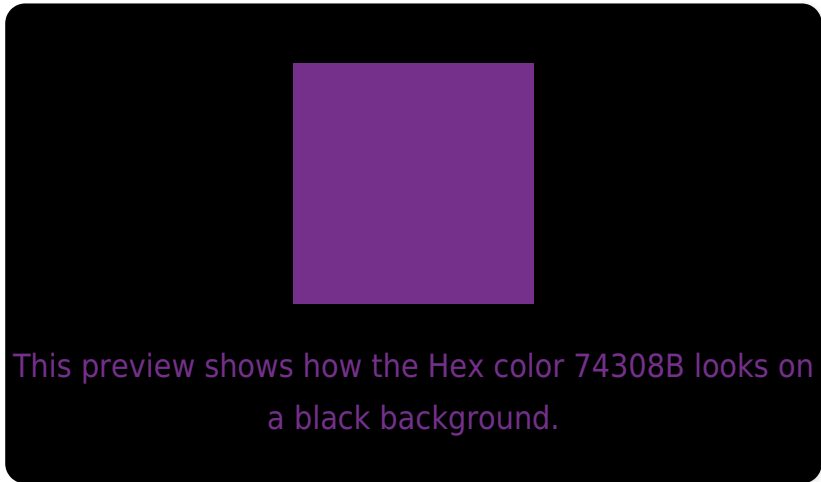
Large Text (above 18pt) WCAG AA ✓ Pass

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

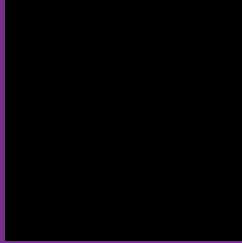
Any Text WCAG AA × Fail

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 74308B Background



This preview shows how black text looks on a background with the Hex color 74308B.



This preview shows how white text looks on a background with the Hex color 74308B.

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





Tritanopia
6A4449

Trichromacy



Original Color

74308B



Protanomaly

2A429A



Deuteranomaly

444487



Tritanomaly

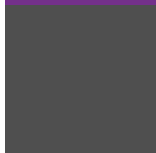
6E3D61

Monochromacy



Original Color

74308B



Achromatopsia

4F4F4F



Achromatomaly

5C4465

CSS Examples

Text

The CSS property to change the color of the text to Hex 74308B 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 #74308B looks like.

```
.text, #text, p{  
    color:#74308B  
}
```

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 #74308B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74308B
}
```

Border

The CSS property to change the border of an element to Hex 74308B is called "border". The border property can be set on classes, ids or directly on the HTML element.

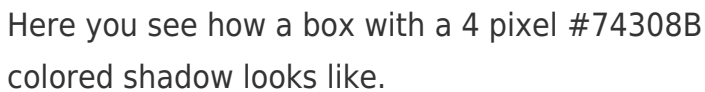
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74308B }
```

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

```
.border{ border-color:#74308B }
```

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



Here you see how a box with a 4 pixel #74308B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74308B; -webkit-box-shadow:4px 4px  
4px 4px #74308B; box-shadow:4px 4px 4px  
4px #74308B }
```

Background

The CSS property to change the background color of an element to Hex 74308B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74308B }
```

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

```
.background{ background-color:#74308B }
```

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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