

Converting Colors

Hex(74589A)

Have a look what the booklet for
Hex(74589A) contains.

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Color

Hex(74589A)

Conversions

Conversions Part 1

Format	Color
Hex	74589A
RGB	116, 88, 154
RGB Percent	45%, 35%, 60%
CMY	0.5451, 0.6549, 0.3961
CMYK	0.25, 0.43, 0.00, 0.40
HSL	265°, 27%, 47%
HSV	265°, 43%, 60%
XYZ	16.5249, 13.0255, 32.2151
YIQ	103.8960, -4.4980, 26.4620

Conversions

Conversions Part 2

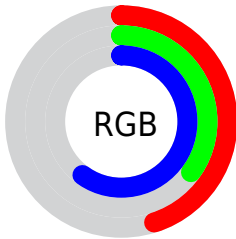
Format	Color
R_{YB}	116, 88, 154
Decimal	7624858
CIE _{Lab}	42.80, 25.61, -31.89
CIE _{LCh}	43, 40.897, 308.768
Yxy	13.0255, 0.2675, 0.2109
Android (android.graphics.Color)	4285814938 (0xFF74589A)
YUV	103.8960, 24.7013, 10.6152
Hunter-Lab	36.0909, 18.5705, -27.6591

Details

The Hex color **74589A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E9A58**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A98AD1**, and **422A66** is the 20% darker color. If you saturate the color by 10%, you get **6B499A**, and if you desaturate by 10%, it is **7D679A**.

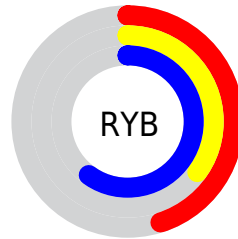
Distribution



Red (45%)

Green (35%)

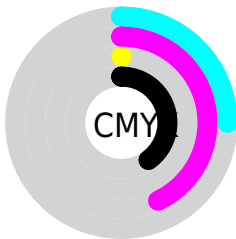
Blue (60%)



Red (45%)

Yellow (35%)

Blue (60%)

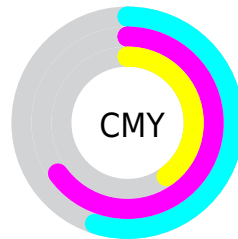


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (65%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74589A 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 74589A by changing the saturation by 10% instead.

74589A

74589A

FFFFFF

5A4080

A98AD1

422A66

C5A5ED

29144E

E1C0FF

140037

FEDCFF

000221

FFF9FF

000005

000000

74589A

74589A

6B499A

7D679A

62399A

86779A

592A9A

8F869A

511A9A

97969A

480B9A

A0A59A

41009A

A9B49A

B2C49A

BBD39A

C4E39A

Harmonies

Analogous

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



3765A8



74589A



964B7E

Triad

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



74589A



8B5B24



00766E

Complementary

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



74589A



7E9A58

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.



06744B



74589A



6E671D

Square

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



74589A



9E4E3C



4A6F2D



00748F

Rectangle

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



74589A



A14768



4A6F2D



007563

Sweetspot

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



74589A



BAAFC9



587F9A



5D5666



E6E6E6



666666

Same Dimension

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



74589A



8E63C9



94589A



48454D



3B008C



05000D

Inverse Universe

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



9A587E



C9639E



5E9A58



4D4549



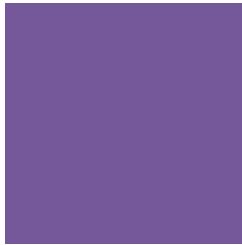
8C0051



0D0007

Previews

White Background



This preview shows how the Hex color 74589A looks on a white background.

Color Contrast Check

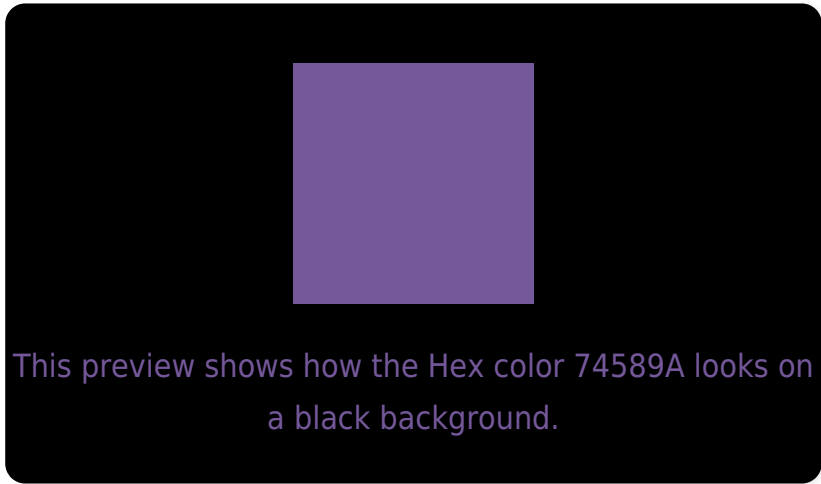
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

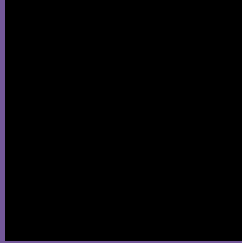
Any Text WCAG AA × Fail

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 74589A Background



This preview shows how black text looks on a background with the Hex color 74589A.



This preview shows how white text looks on a background with the Hex color 74589A.

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](#).

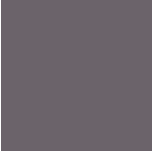
Dichromacy



Original Color
74589A

Protanopia
4C63A4

Deuteranopia
4E6597



Tritanopia
6B636A

Trichromacy



Original Color
74589A

Protanomaly
5B5FA0

Deuteranomaly
5C6098

Tritanomaly
6E5F7B

Monochromacy



Original Color
74589A

Achromatopsia
686868

Achromatomaly
6C627A

CSS Examples

Text

The CSS property to change the color of the text to Hex 74589A 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 #74589A looks like.

```
.text, #text, p{  
    color:#74589A  
}
```

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 #74589A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74589A
}
```

Border

The CSS property to change the border of an element to Hex 74589A is called "border". The border property can be set on classes, ids or directly on the HTML element.

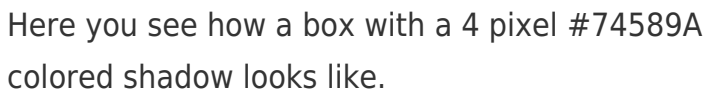
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74589A }
```

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

```
.border{ border-color:#74589A }
```

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



Here you see how a box with a 4 pixel #74589A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74589A; -webkit-box-shadow:4px 4px  
4px 4px #74589A; box-shadow:4px 4px 4px  
4px #74589A }
```

Background

The CSS property to change the background color of an element to Hex 74589A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74589A }
```

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

```
.background{ background-color:#74589A }
```

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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