

Converting Colors

Hex(70409E)

Have a look what the booklet for
Hex(70409E) contains.

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Color

Hex(70409E)

Conversions

Conversions Part 1

Format	Color
Hex	70409E
RGB	112, 64, 158
RGB Percent	44%, 25%, 62%
CMY	0.5608, 0.7490, 0.3804
CMYK	0.29, 0.59, 0.00, 0.38
HSL	271°, 42%, 44%
HSV	271°, 59%, 62%
XYZ	14.6870, 9.5802, 33.4228
YIQ	89.0680, -1.5660, 39.4100

Conversions

Conversions Part 2

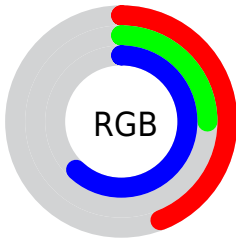
Format	Color
R _Y B	112, 64, 158
Decimal	7356574
CIE Lab	37.08, 39.52, -43.40
CIE LCh	37, 58.700, 312.324
Yxy	9.5802, 0.2546, 0.1661
Android (android.graphics.Color)	4285546654 (0xFF70409E)
YUV	89.0680, 33.9835, 20.1114
Hunter-Lab	30.9518, 30.5348, -42.3570

Details

The Hex color **70409E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6E9E40**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A672D5**, and **3B0F6A** is the 20% darker color. If you saturate the color by 10%, you get **68309E**, and if you desaturate by 10%, it is **78509E**.

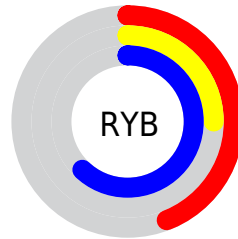
Distribution



Red (44%)

Green (25%)

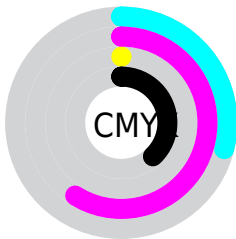
Blue (62%)



Red (44%)

Yellow (25%)

Blue (62%)

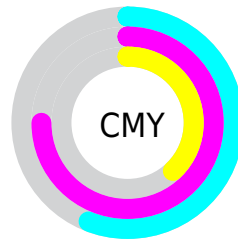


Cyan (29%)

Magenta (59%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (75%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70409E 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 70409E by changing the saturation by 10% instead.

70409E

70409E

FFFFFF

562883

A672D5

3B0F6A

C38CF2

210051

DFA7FF

06003A

FDC3FF

000223

FFDFFF

000009

FFFCFF

000000

70409E

70409E

68309E

78509E

61209E

7F609E

59119E

876F9E

51019E

8F7F9E

51009E

978F9E

9E9F9E

A6AF9E

AEBE9E

B6CE9E

Harmonies

Analogous

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



0057B5



70409E



9C2375

Triad

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



70409E



814B00



006C6A

Complementary

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



70409E



6E9E40

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.



006A38



70409E



595B00

Square

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



70409E



9E3218



1D6500



006A96

Rectangle

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



70409E



A81756



1D6500



006B5A

Sweetspot

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



70409E



BCA9CF



406F9E



5D5269



E8E8E8



696969

Same Dimension

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



70409E



873CCF



9E409E



4B474F



49008F



08000F

Inverse Universe

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



9E406E



CF3C84



409E40



4F474B



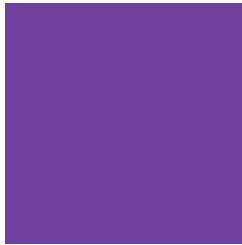
8F0046



0F0007

Previews

White Background



This preview shows how the Hex color 70409E looks on a white background.

Color Contrast Check

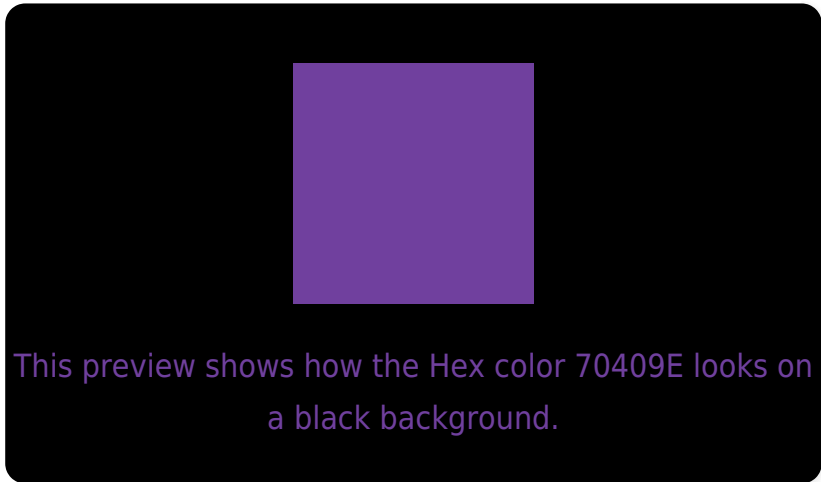
Large Text (above 18pt) WCAG AA ✓ Pass

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

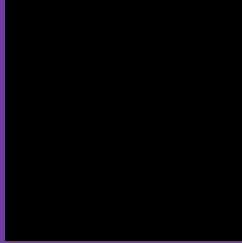
Any Text WCAG AA × Fail

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 70409E Background



This preview shows how black text looks on a background with the Hex color 70409E.

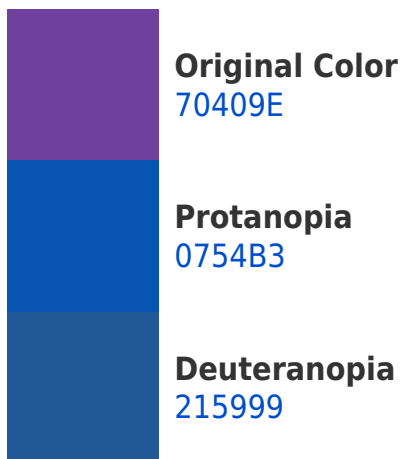


This preview shows how white text looks on a background with the Hex color 70409E.

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](#).

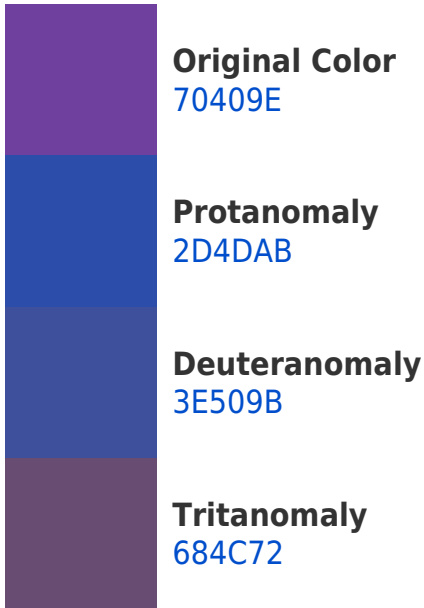
Dichromacy



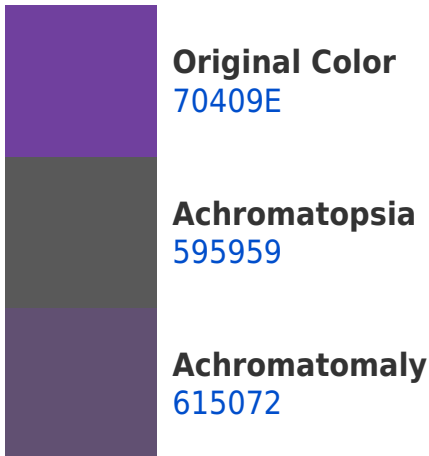


Tritanopia
645359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70409E 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 #70409E looks like.

```
.text, #text, p{  
    color:#70409E  
}
```

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 #70409E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70409E
}
```

Border

The CSS property to change the border of an element to Hex 70409E is called "border". The border property can be set on classes, ids or directly on the HTML element.

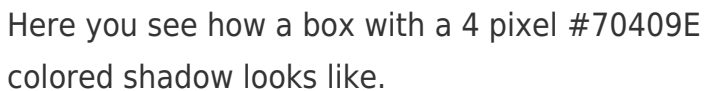
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70409E }
```

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

```
.border{ border-color:#70409E }
```

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



Here you see how a box with a 4 pixel #70409E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70409E; -webkit-box-shadow:4px 4px  
4px 4px #70409E; box-shadow:4px 4px 4px  
4px #70409E }
```

Background

The CSS property to change the background color of an element to Hex 70409E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70409E }
```

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

```
.background{ background-color:#70409E }
```

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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