

Converting Colors

Hex(70149E)

Have a look what the booklet for
Hex(70149E) contains.

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Color

Hex(70149E)

Conversions

Conversions Part 1

Format	Color
Hex	70149E
RGB	112, 20, 158
RGB Percent	44%, 8%, 62%
CMY	0.5608, 0.9216, 0.3804
CMYK	0.29, 0.87, 0.00, 0.38
HSL	280°, 78%, 35%
HSV	280°, 87%, 62%
XYZ	13.1038, 6.4137, 32.8951
YIQ	63.2400, 10.5340, 62.4220

Conversions

Conversions Part 2

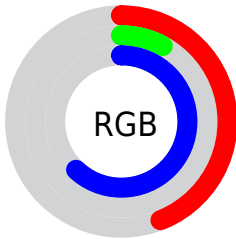
Format	Color
R_{YB}	112, 20, 158
Decimal	7345310
CIE _{Lab}	30.43, 58.16, -54.14
CIE _{LCh}	30, 79.459, 317.047
Yxy	6.4137, 0.2500, 0.1224
Android (android.graphics.Color)	4285535390 (0xFF70149E)
YUV	63.2400, 46.7167, 42.7625
Hunter-Lab	25.3252, 48.0404, -59.2844

Details

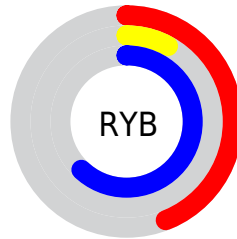
The Hex color **70149E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **429E14**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A84FD6**, and **380069** is the 20% darker color. If you saturate the color by 10%, you get **6B049E**, and if you desaturate by 10%, it is **75249E**.

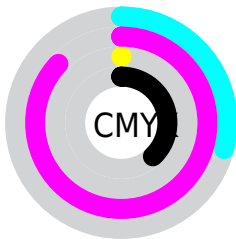
Distribution



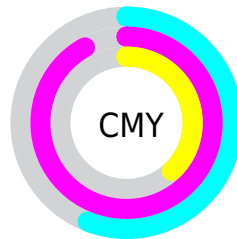
- Red (44%)
- Green (8%)
- Blue (62%)



- Red (44%)
- Yellow (8%)
- Blue (62%)



- Cyan (29%)
- Magenta (87%)
- Yellow (0%)
- Black (38%)



- Cyan (56%)
- Magenta (92%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70149E 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 70149E by changing the saturation by 10% instead.

 70149E

 70149E

FFFFFF

 540083

 A84FD6

 380069

 C56AF2

 200051

 E285FF

 000038

 FFA1FF

 000222

 FFBDFE

 000008

 FFD9FF

 000000

 FFF7FF

 70149E

 70149E

6B049E

75249E

69009E

7B349E

80439E

85539E

8A639E

90739E

95839E

9A929E

9FA29E

Harmonies

Analogous

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



0045C2



70149E



A30065

Triad

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



70149E



6E3B00



005E6B

Complementary

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



70149E



429E14

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.



005C29



70149E



375000

Square

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



70149E



960000



005900



005EA3

Rectangle

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



70149E



AC003D



005900



005E55

Sweetspot

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



70149E



BD99CF



14429E



5E4869



E8E8E8



696969

Same Dimension

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



70149E



8A00CF



9E1489



4C474F



5F008F



0A000F

Inverse Universe

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



9E1442



CF0045



149E29



4F474A



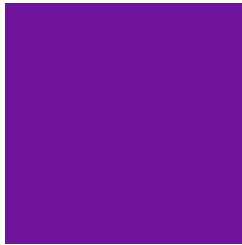
8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 70149E looks on a white background.

Color Contrast Check

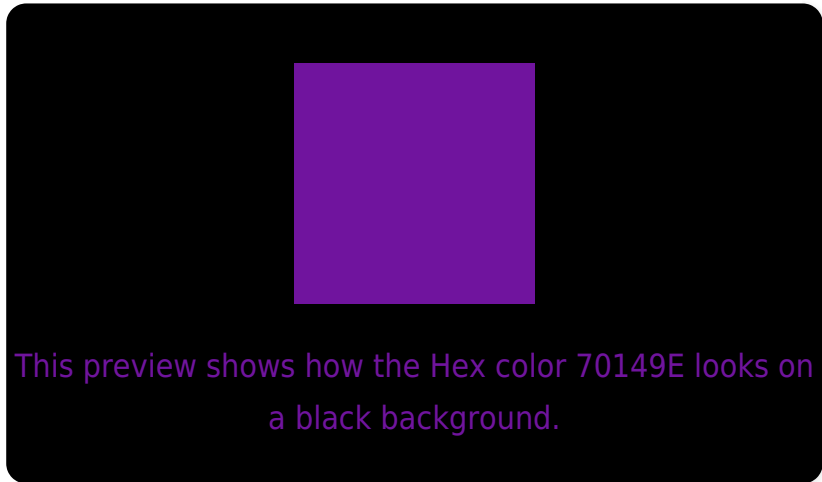
Large Text (above 18pt) WCAG AA ✓ Pass

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

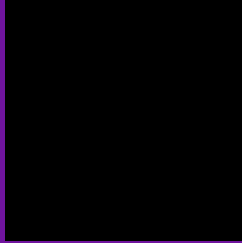
Any Text WCAG AA × Fail

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 70149E Background



This preview shows how black text looks on a background with the Hex color 70149E.

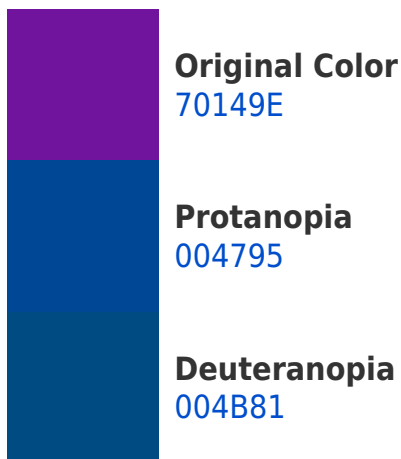


This preview shows how white text looks on a background with the Hex color 70149E.

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
614045

Trichromacy



Original Color
70149E



Protanomaly
293498



Deuteranomaly
29378C



Tritanomaly
663065

Monochromacy



Original Color
70149E



Achromatopsia
3F3F3F



Achromatomaly
512F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 70149E 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 #70149E looks like.

```
.text, #text, p{  
    color:#70149E  
}
```

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 #70149E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70149E
}
```

Border

The CSS property to change the border of an element to Hex 70149E is called "border". The border property can be set on classes, ids or directly on the HTML element.

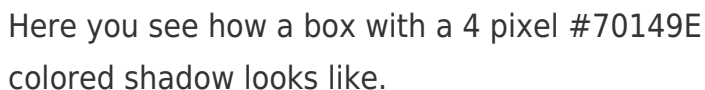
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70149E }
```

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

```
.border{ border-color:#70149E }
```

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



Here you see how a box with a 4 pixel #70149E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70149E; -webkit-box-shadow:4px 4px  
4px 4px #70149E; box-shadow:4px 4px 4px  
4px #70149E }
```

Background

The CSS property to change the background color of an element to Hex 70149E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70149E }
```

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

```
.background{ background-color:#70149E }
```

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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