

Converting Colors

Hex(79169E)

Have a look what the booklet for
Hex(79169E) contains.

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Color

Hex(79169E)

Conversions

Conversions Part 1

Format	Color
Hex	79169E
RGB	121, 22, 158
RGB Percent	47%, 9%, 62%
CMY	0.5255, 0.9137, 0.3804
CMYK	0.23, 0.86, 0.00, 0.38
HSL	284°, 76%, 35%
HSV	284°, 86%, 62%
XYZ	14.3436, 7.1074, 32.9636
YIQ	67.1050, 15.3480, 63.2840

Conversions

Conversions Part 2

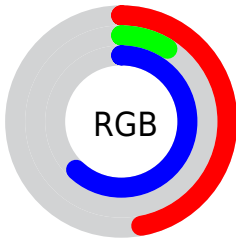
Format	Color
R_{YB}	121, 22, 158
Decimal	7935646
CIE _{Lab}	32.05, 59.09, -51.45
CIE _{LCh}	32, 78.348, 318.954
Yxy	7.1074, 0.2636, 0.1306
Android (android.graphics.Color)	4286125726 (0xFF79169E)
YUV	67.1050, 44.8112, 47.2659
Hunter-Lab	26.6597, 49.3833, -54.6479

Details

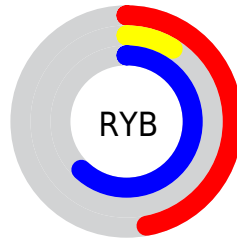
The Hex color **79169E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3B9E16**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B152D6**, and **420069** is the 20% darker color. If you saturate the color by 10%, you get **75069E**, and if you desaturate by 10%, it is **7D269E**.

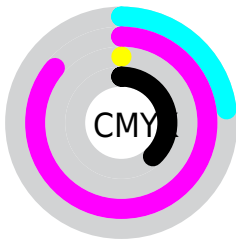
Distribution



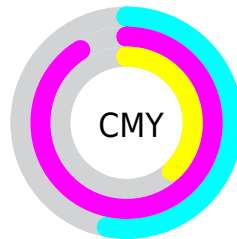
- Red (47%)
- Green (9%)
- Blue (62%)



- Red (47%)
- Yellow (9%)
- Blue (62%)



- Cyan (23%)
- Magenta (86%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79169E 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 79169E by changing the saturation by 10% instead.

79169E

79169E

FFFFFF

5D0083

B152D6

420069

CE6DF2

280051

EC88FF

020039

FFA4FF

000222

FFC0FF

000008

FFDDFF

000000

FFFAFF

79169E

79169E

■ 75069E

■ 7D269E

■ 73009E

■ 82369E

■ 86459E

■ 8A559E

■ 8E659E

■ 93759E

■ 97859E

■ 9B949E

■ A0A49E

Harmonies

Analogous

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



0047C3



79169E



A80065

Triad

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



79169E



704100



006272

Complementary

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



79169E



3B9E16

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.



006132



79169E



375400

Square

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



79169E



991200



005D00



0062A9

Rectangle

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



79169E



B0003D



005D00



00625D

Sweetspot

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



79169E



C099CF



163D9E



604869



E8E8E8



696969

Same Dimension

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



79169E



9600CF



9E1681



4D474F



68008F



0B000F

Inverse Universe

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



9E163B



CF0038



169E33



4F4749



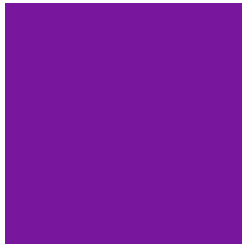
8F0027



0F0004

Previews

White Background



This preview shows how the Hex color 79169E looks on a white background.

Color Contrast Check

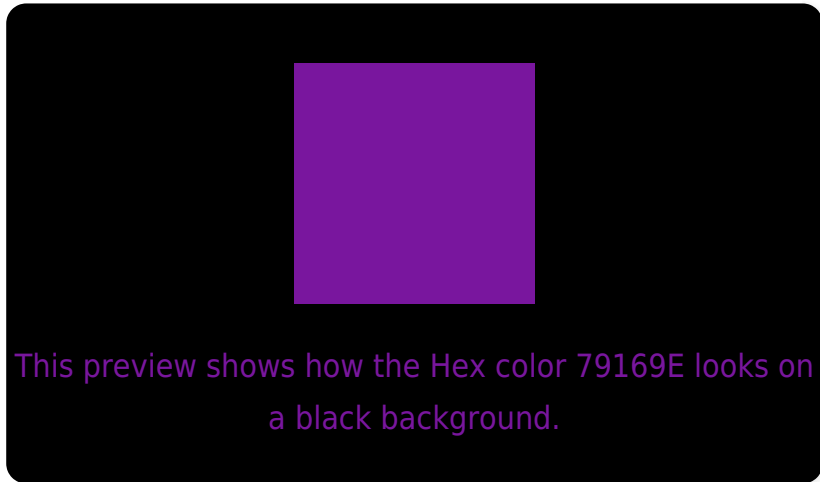
Large Text (above 18pt) WCAG AA ✓ Pass

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

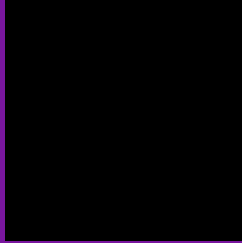
Any Text WCAG AA × Fail

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 79169E Background



This preview shows how black text looks on a background with the Hex color 79169E.



This preview shows how white text looks on a background with the Hex color 79169E.

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
79169E

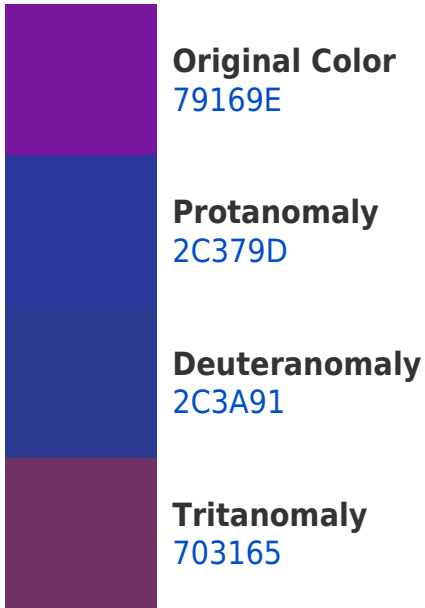
Protanopia
004A9D

Deuteranopia
004F89

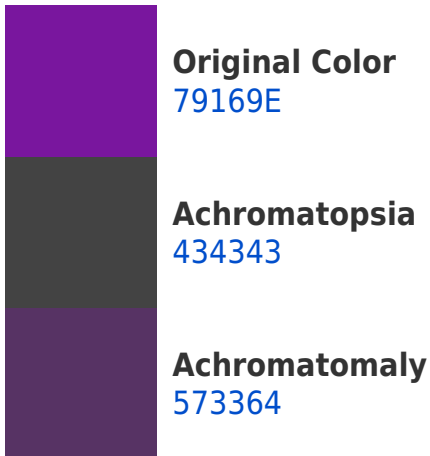


Tritanopia
6B4045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79169E 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 #79169E looks like.

```
.text, #text, p{  
    color:#79169E  
}
```

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 #79169E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79169E
}
```

Border

The CSS property to change the border of an element to Hex 79169E is called "border". The border property can be set on classes, ids or directly on the HTML element.

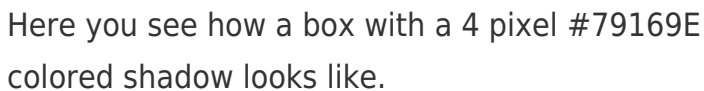
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79169E }
```

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

```
.border{ border-color:#79169E }
```

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



Here you see how a box with a 4 pixel #79169E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79169E; -webkit-box-shadow:4px 4px  
4px 4px #79169E; box-shadow:4px 4px 4px  
4px #79169E }
```

Background

The CSS property to change the background color of an element to Hex 79169E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79169E }
```

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

```
.background{ background-color:#79169E }
```

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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