

Converting Colors

Hex(7C619E)

Have a look what the booklet for
Hex(7C619E) contains.

Hex(7C619E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C619E)

Conversions

Conversions Part 1

Format	Color
Hex	7C619E
RGB	124, 97, 158
RGB Percent	49%, 38%, 62%
CMY	0.5137, 0.6196, 0.3804
CMYK	0.22, 0.39, 0.00, 0.38
HSL	267°, 24%, 50%
HSV	267°, 39%, 62%
XYZ	18.7584, 15.3031, 34.3129
YIQ	112.0270, -3.4890, 24.6950

Conversions

Conversions Part 2

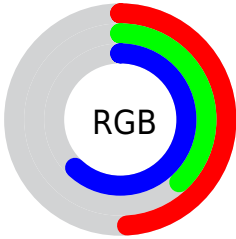
Format	Color
R_{YB}	124, 97, 158
Decimal	8151454
CIE _{Lab}	46.05, 23.67, -29.12
CIE _{LCh}	46, 37.528, 309.098
Yxy	15.3031, 0.2743, 0.2238
Android (android.graphics.Color)	4286341534 (0xFF7C619E)
YUV	112.0270, 22.6647, 10.5003
Hunter-Lab	39.1192, 17.1358, -24.6220

Details

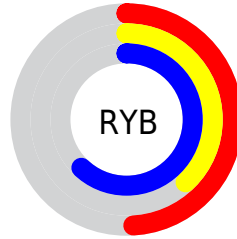
The Hex color **7C619E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **839E61**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B294D5**, and **4A326A** is the 20% darker color. If you saturate the color by 10%, you get **73519E**, and if you desaturate by 10%, it is **85719E**.

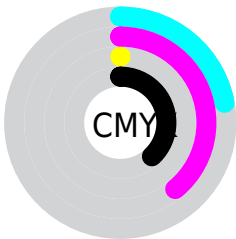
Distribution



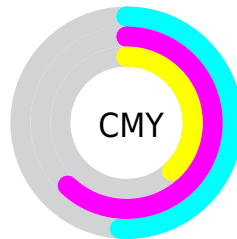
- Red (49%)
- Green (38%)
- Blue (62%)



- Red (49%)
- Yellow (38%)
- Blue (62%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C619E 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 7C619E by changing the saturation by 10% instead.

■ 7C619E

■ 7C619E

FFFFFF

■ 624984

■ B294D5

■ 4A326A

■ CDAFF1

■ 311C52

■ EACAFF

■ 1A063A

■ FFE6FF

■ 000024

■ 00000C

■ 000000

■ 7C619E

■ 7C619E

■ 73519E

■ 85719E

6A419E

8E819E

62329E

96909E

59229E

9FA09E

50129E

A8B09E

47029E

B1C09E

46009E

BAD09E

C2DF9E

CBEF9E

Harmonies

Analogous

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



486DAB



7C619E



9B5684

Triad

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



7C619E



916332



007D76

Complementary

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



7C619E



839E61

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.



257B56



7C619E



766E2C

Square

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



7C619E



A35847



54773A



007C94

Rectangle

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



7C619E



A6526F



54773A



007D6B

Sweetspot

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



7C619E



C1B6CF



61849E



605A69



E8E8E8



696969

Same Dimension

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



7C619E



9A70CF



9A619E



4B474F



3F008F



07000F

Inverse Universe

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



9E6183



CF70A4



659E61



4F474C



8F0050



0F0009

Previews

White Background



This preview shows how the Hex color 7C619E looks on a white background.

Color Contrast Check

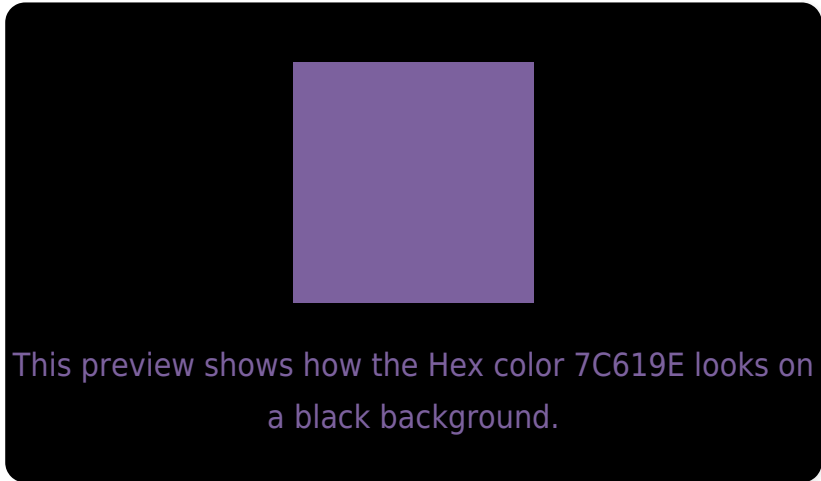
Large Text (above 18pt) WCAG AA ✓ Pass

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

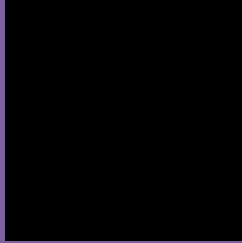
Any Text WCAG AA × Fail

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 7C619E Background



This preview shows how black text looks on a background with the Hex color 7C619E.



This preview shows how white text looks on a background with the Hex color 7C619E.

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
7C619E

Protanopia
586BA7

Deuteranopia
5C6C9C



Tritanopia
746A73

Trichromacy



Original Color
7C619E

Protanomaly
6567A4

Deuteranomaly
68689D

Tritanomaly
776783

Monochromacy



Original Color
7C619E

Achromatopsia
707070

Achromatomaly
746B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C619E 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 #7C619E looks like.

```
.text, #text, p{  
    color:#7C619E  
}
```

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 #7C619E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C619E
}
```

Border

The CSS property to change the border of an element to Hex 7C619E is called "border". The border property can be set on classes, ids or directly on the HTML element.

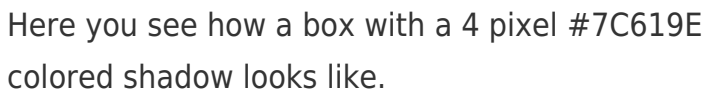
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C619E }
```

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

```
.border{ border-color:#7C619E }
```

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



Here you see how a box with a 4 pixel #7C619E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C619E; -webkit-box-shadow:4px 4px  
4px 4px #7C619E; box-shadow:4px 4px 4px  
4px #7C619E }
```

Background

The CSS property to change the background color of an element to Hex 7C619E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C619E }
```

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

```
.background{ background-color:#7C619E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor