

Converting Colors

Hex(679A7D)

Have a look what the booklet for
Hex(679A7D) contains.

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Color

Hex(679A7D)

Conversions

Conversions Part 1

Format	Color
Hex	679A7D
RGB	103, 154, 125
RGB Percent	40%, 60%, 49%
CMY	0.5961, 0.3961, 0.5098
CMYK	0.33, 0.00, 0.19, 0.40
HSL	146°, 20%, 50%
HSV	146°, 33%, 60%
XYZ	20.8508, 27.4754, 23.6064
YIQ	135.4450, -21.0870, -19.8310

Conversions

Conversions Part 2

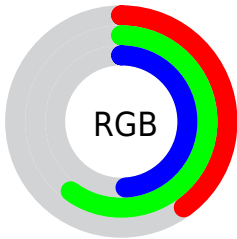
Format	Color
RYB	103, 139, 154
Decimal	6789757
CIELab	59.41, -23.50, 9.87
CIElCh	59, 25.487, 157.212
Yxy	27.4754, 0.2899, 0.3820
Android (android.graphics.Color)	4284979837 (0xFF679A7D)
YUV	135.4450, -5.1494, -28.4543
Hunter-Lab	52.4170, -20.7249, 9.9902

Details

The Hex color **679A7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A6784**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9CD1B2**, and **35674C** is the 20% darker color. If you saturate the color by 10%, you get **589A74**, and if you desaturate by 10%, it is **769A86**.

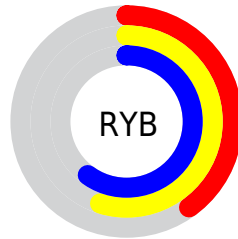
Distribution



Red (40%)

Green (60%)

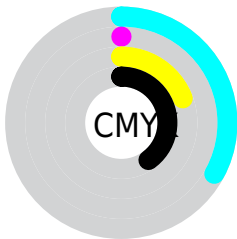
Blue (49%)



Red (40%)

Yellow (55%)

Blue (60%)

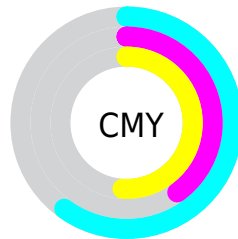


Cyan (33%)

Magenta (0%)

Yellow (19%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 679A7D 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 679A7D by changing the saturation by 10% instead.



679A7D



679A7D

FFFFFF



4E8064



9CD1B2



35674C



B7EDCD



1D4E35



D3FFE9



013720



F0FFFF



002209



000000



679A7D



679A7D



589A74



769A86



489A6B



869A8F

■ 399A63

■ 959A97

■ 299A5A

■ A59AA0

■ 1A9A51

■ B49AA9

■ 0B9A48

■ C39AB2

■ 009A42

■ D39ABA

■ E29AC3

■ F29ACC

Harmonies

Analogous

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



81966B



679A7D



509C94

Triad

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



679A7D



7A8FBB



BA8175

Complementary

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



679A7D



9A6784

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.



BB7E8A



679A7D



9987B3

Square

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



679A7D



5B96B8



B081A1



AE8866

Rectangle

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



679A7D



499BA3



B081A1



BC807C

Sweetspot

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



679A7D



B5C9BE



859A67



5A665F



E6E6E6



666666

Same Dimension

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



679A7D



79C99C



679A96



454D48



008C3D



000D06

Inverse Universe

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



9A6784



C979A7



9A676B



4D4549



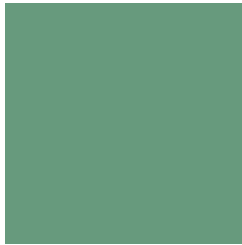
8C0050



0D0007

Previews

White Background



This preview shows how the Hex color 679A7D looks on a white background.

Color Contrast Check

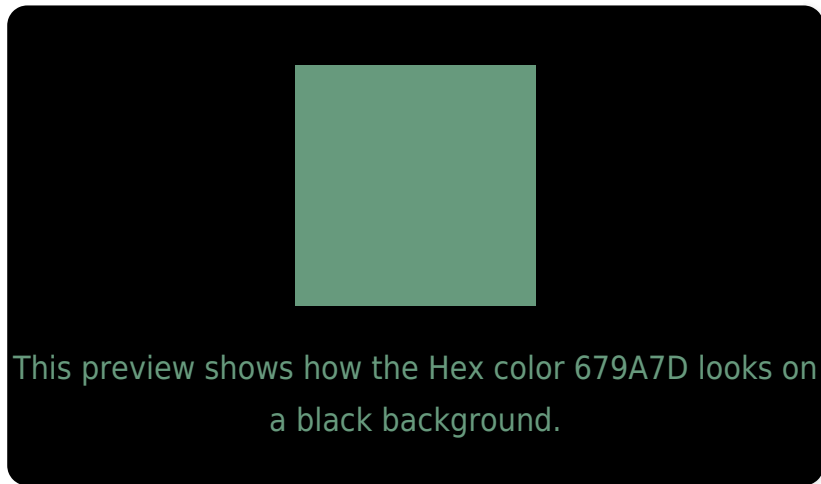
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

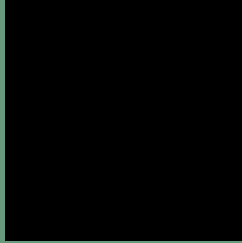
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 679A7D Background



This preview shows how black text looks on a background with the Hex color 679A7D.



This preview shows how white text looks on a background with the Hex color 679A7D.

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
679A7D

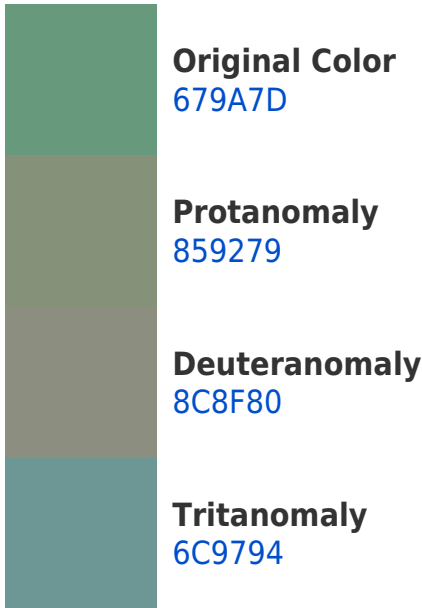
Protanopia
968E77

Deuteranopia
A18981

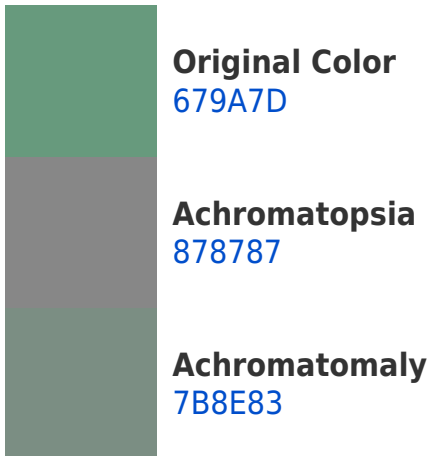


Tritanopia
6F95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 679A7D 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 #679A7D looks like.

```
.text, #text, p{  
    color:#679A7D  
}
```

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 #679A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679A7D
}
```

Border

The CSS property to change the border of an element to Hex 679A7D 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
#679A7D }
```

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

```
.border{ border-color:#679A7D }
```

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

Here you see how a box with a 4 pixel #679A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679A7D; -webkit-box-shadow:4px 4px  
4px 4px #679A7D; box-shadow:4px 4px 4px  
4px #679A7D }
```

Background

The CSS property to change the background color of an element to Hex 679A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679A7D }
```

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

```
.background{ background-color:#679A7D }
```

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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