

Converting Colors

Hex(729F99)

Have a look what the booklet for
Hex(729F99) contains.

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Color

Hex(729F99)

Conversions

Conversions Part 1

Format	Color
Hex	729F99
RGB	114, 159, 153
RGB Percent	45%, 62%, 60%
CMY	0.5529, 0.3765, 0.4000
CMYK	0.28, 0.00, 0.04, 0.38
HSL	172°, 19%, 54%
HSV	172°, 28%, 62%
XYZ	25.0873, 30.6736, 34.7353
YIQ	144.8610, -24.8940, -11.4060

Conversions

Conversions Part 2

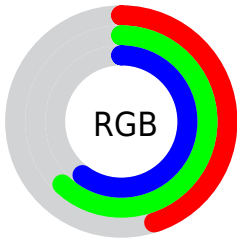
Format	Color
RYB	114, 138, 159
Decimal	7511961
CIELab	62.23, -16.47, -1.78
CIELCh	62, 16.567, 186.155
Yxy	30.6736, 0.2772, 0.3389
Android (android.graphics.Color)	4285702041 (0xFF729F99)
YUV	144.8610, 4.0125, -27.0651
Hunter-Lab	55.3837, -16.0659, 1.5834

Details

The Hex color **729F99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F7278**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A7D6CF**, and **406B66** is the 20% darker color. If you saturate the color by 10%, you get **629F97**, and if you desaturate by 10%, it is **829F9B**.

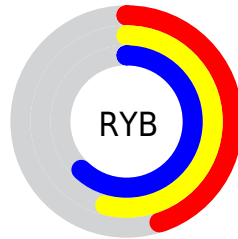
Distribution



Red (45%)

Green (62%)

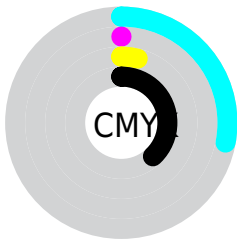
Blue (60%)



Red (45%)

Yellow (54%)

Blue (62%)

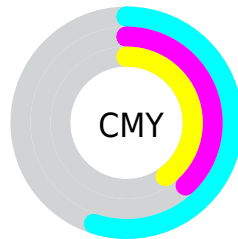


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729F99 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 729F99 by changing the saturation by 10% instead.



729F99



729F99

FFFFFF



59857F



A7D6CF



406B66



C3F2EB



28534E



DFFFFF



0E3C37



FCFFFF



002622



000F0C



000000



729F99



729F99



629F97



829F9B

■ 529F95

■ 929F9D

■ 429F93

■ A29F9F

■ 329F91

■ B29FA1

■ 229F8E

■ C29FA4

■ 139F8C

■ D19FA6

■ 039F8A

■ E19FA8

■ 009F8A

■ F19FAA

■ FF9FAC

Harmonies

Analogous

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



7E9E8A



729F99



6F9EA7

Triad

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



729F99



9D92AE



AC927C

Complementary

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



729F99



9F7278

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.



B48E86



729F99



AC8EA3

Square

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



729F99



8A97B3



B48C94



9F9679

Rectangle

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



729F99



749CAE



B48C94



B0907F

Sweetspot

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



729F99



BECFCC



789F72



5E6967



E8E8E8



696969

Same Dimension

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



729F99



88CFC5



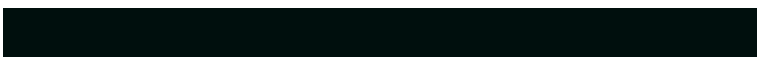
728F9F



474F4E



008F7C



000F0D

Inverse Universe

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



9F7278



CF8892



9F8372



4F4748



8F0013



0F0002

Previews

White Background



This preview shows how the Hex color 729F99 looks on a white background.

Color Contrast Check

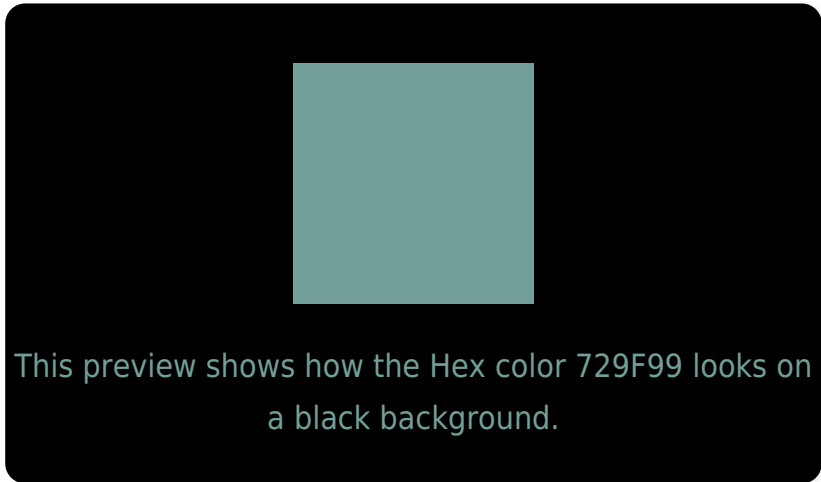
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

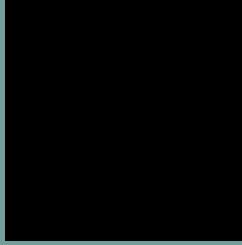
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 729F99 Background



This preview shows how black text looks on a background with the Hex color 729F99.

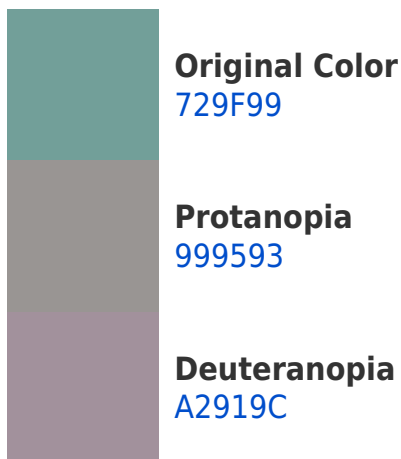


This preview shows how white text looks on a background with the Hex color 729F99.

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](#).

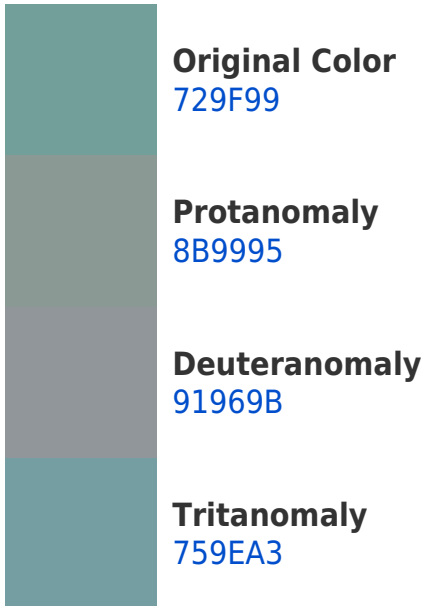
Dichromacy



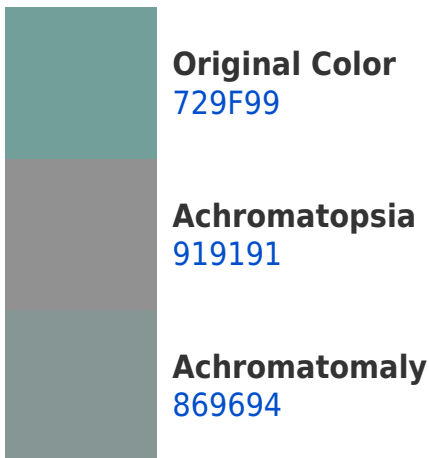


Tritanopia
769DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729F99 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 #729F99 looks like.

```
.text, #text, p{  
    color:#729F99  
}
```

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 #729F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729F99
}
```

Border

The CSS property to change the border of an element to Hex 729F99 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
#729F99 }
```

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

```
.border{ border-color:#729F99 }
```

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

Here you see how a box with a 4 pixel #729F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729F99; -webkit-box-shadow:4px 4px  
4px 4px #729F99; box-shadow:4px 4px 4px  
4px #729F99 }
```

Background

The CSS property to change the background color of an element to Hex 729F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729F99 }
```

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

```
.background{ background-color:#729F99 }
```

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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