

Converting Colors

Hex(729C8C)

Have a look what the booklet for
Hex(729C8C) contains.

Hex(729C8C)	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(729C8C)

Conversions

Conversions Part 1

Format	Color
Hex	729C8C
RGB	114, 156, 140
RGB Percent	45%, 61%, 55%
CMY	0.5529, 0.3882, 0.4510
CMYK	0.27, 0.00, 0.10, 0.39
HSL	157°, 18%, 53%
HSV	157°, 27%, 61%
XYZ	23.5615, 29.2478, 29.2145
YIQ	141.6180, -19.8960, -13.8800

Conversions

Conversions Part 2

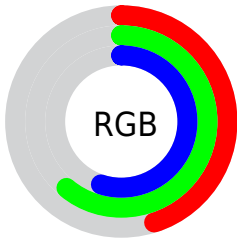
Format	Color
RYB	114, 140, 156
Decimal	7511180
CIELab	61.00, -17.80, 3.76
CIELCh	61, 18.195, 168.067
Yxy	29.2478, 0.2873, 0.3566
Android (android.graphics.Color)	4285701260 (0xFF729C8C)
YUV	141.6180, -0.7977, -24.2210
Hunter-Lab	54.0812, -16.8752, 5.8286

Details

The Hex color **729C8C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7282**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A7D3C2**, and **40695A** is the 20% darker color. If you saturate the color by 10%, you get **629C86**, and if you desaturate by 10%, it is **829C92**.

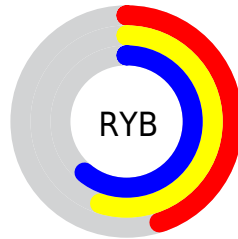
Distribution



Red (45%)

Green (61%)

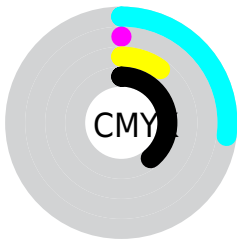
Blue (55%)



Red (45%)

Yellow (55%)

Blue (61%)

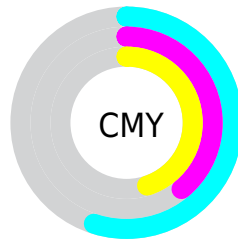


Cyan (27%)

Magenta (0%)

Yellow (10%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729C8C 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 729C8C by changing the saturation by 10% instead.



729C8C



729C8C

FFFFFF



598273



A7D3C2



40695A



C2EFDD



295043



DEFFFA



11392C



FBFFFF



002318



000700



000000



729C8C



729C8C



629C86



829C92

■ 539C80

■ 919C98

■ 439C7A

■ A19C9E

■ 349C74

■ B09CA4

■ 249C6E

■ C09CAA

■ 149C68

■ D09CB0

■ 059C62

■ DF9CB6

■ 009C61

■ EF9CBC

■ FE9CC1

Harmonies

Analogous

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



83997D



729C8C



689C9D

Triad

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



729C8C



8E91B2



B18B7C

Complementary

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



729C8C



9C7282

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.



B5888A



729C8C



A28CA9

Square

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



729C8C



7897B2



B0889A



A69074

Rectangle

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



729C8C



689BA6



B0889A



B38A80

Sweetspot

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



729C8C



BCCCC6



829C72



5C6662



E6E6E6



666666

Same Dimension

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



729C8C



8BCCB3



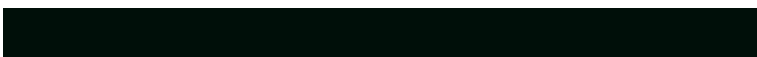
72979C



474F4C



008F58



000F09

Inverse Universe

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



9C7282



CC8BA4



9C7772



4F474A



8F0036



0F0006

Previews

White Background



This preview shows how the Hex color 729C8C looks on a white background.

Color Contrast Check

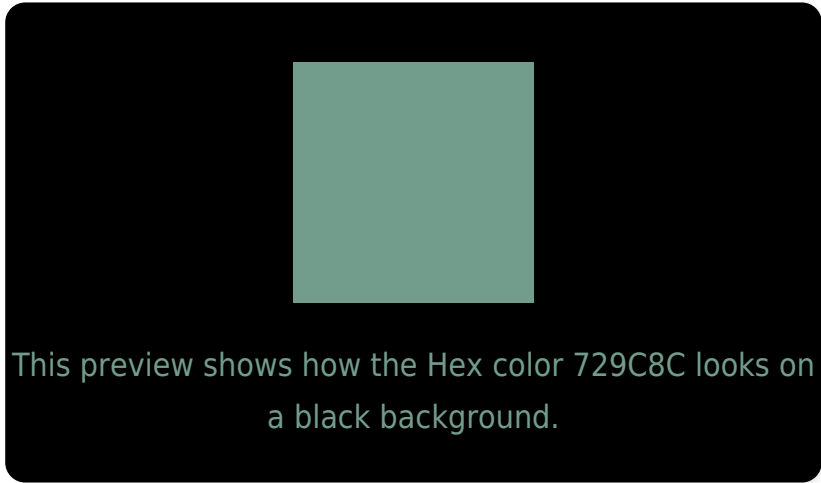
Large Text (above 18pt) WCAG AA ✓ Pass

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

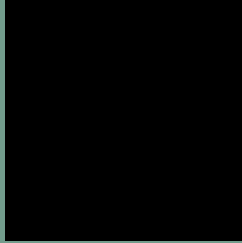
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

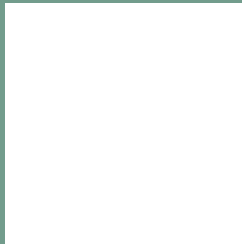
Any Text WCAG AAA × Fail

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

Hex 729C8C Background



This preview shows how black text looks on a background with the Hex color 729C8C.



This preview shows how white text looks on a background with the Hex color 729C8C.

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



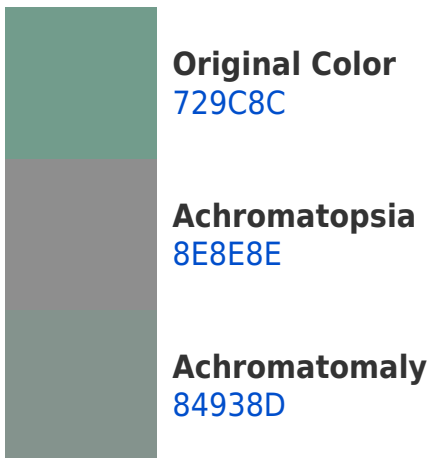


Tritanopia
7798A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729C8C 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 #729C8C looks like.

```
.text, #text, p{  
    color:#729C8C  
}
```

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 #729C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729C8C
}
```

Border

The CSS property to change the border of an element to Hex 729C8C 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
#729C8C }
```

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

```
.border{ border-color:#729C8C }
```

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

Here you see how a box with a 4 pixel #729C8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729C8C; -webkit-box-shadow:4px 4px  
4px 4px #729C8C; box-shadow:4px 4px 4px  
4px #729C8C }
```

Background

The CSS property to change the background color of an element to Hex 729C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729C8C }
```

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

```
.background{ background-color:#729C8C }
```

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