

Converting Colors

Hex(729BA8)

Have a look what the booklet for
Hex(729BA8) contains.

Hex(729BA8)	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(729BA8)

Conversions

Conversions Part 1

Format	Color
Hex	729BA8
RGB	114, 155, 168
RGB Percent	45%, 61%, 66%
CMY	0.5529, 0.3922, 0.3412
CMYK	0.32, 0.08, 0.00, 0.34
HSL	194°, 24%, 55%
HSV	194°, 32%, 66%
XYZ	25.7287, 29.8473, 41.4508
YIQ	144.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

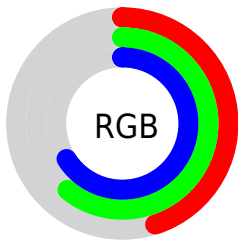
Format	Color
RYB	114, 137, 168
Decimal	7510952
CIELab	61.52, -10.71, -11.29
CIElCh	62, 15.560, 226.527
Yxy	29.8473, 0.2652, 0.3076
Android (android.graphics.Color)	4285701032 (0xFF729BA8)
YUV	144.2230, 11.7221, -26.5056
Hunter-Lab	54.6326, -11.5444, -6.7416

Details

The Hex color **729BA8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A87F72**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A7D1DF**, and **3F6874** is the 20% darker color. If you saturate the color by 10%, you get **6197A8**, and if you desaturate by 10%, it is **839FA8**.

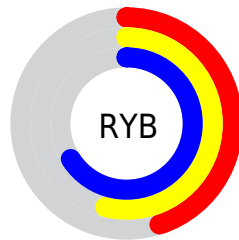
Distribution



Red (45%)

Green (61%)

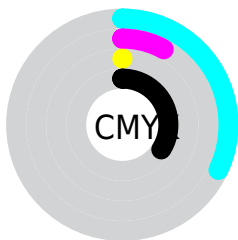
Blue (66%)



Red (45%)

Yellow (54%)

Blue (66%)

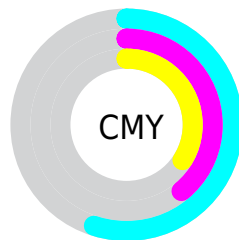


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729BA8 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 729BA8 by changing the saturation by 10% instead.



729BA8



729BA8

FFFFFF



58818E



A7D1DF



3F6874



C3EEFC



26505B



DFFFFF



0A3944



FCFFFF



00232E



000C19



000000



729BA8



729BA8



6197A8



839FA8

■ 5093A8

■ 94A3A8

■ 408FA8

■ A4A7A8

■ 2F8BA8

■ B5ABA8

■ 1E87A8

■ C6AFA8

■ 0D83A8

■ D7B3A8

■ 0080A8

■ E8B7A8

■ F8BBA8

■ FFBFA8

Harmonies

Analogous

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



719D9C



729BA8



7E98AF

Triad

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



729BA8



AD8C9B



97967A

Complementary

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



729BA8



A87F72

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.



A5927A



729BA8



B28B8D

Square

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



729BA8



A08FA8



AF8D81



889A81

Rectangle

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



729BA8



8995B0



AF8D81



9C9579

Sweetspot

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



729BA8



C5D6DB



72A87F



606A6E



EDEDED



6E6E6E

Same Dimension

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



729BA8



86C7DB



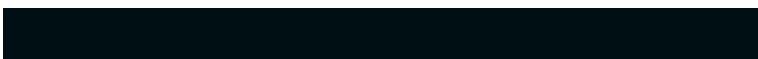
7280A8



4C5254



007094



000F14

Inverse Universe

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



A8729B



DB86C7



A89A72



544C52



940070



14000F

Previews

White Background



This preview shows how the Hex color 729BA8 looks on a white background.

Color Contrast Check

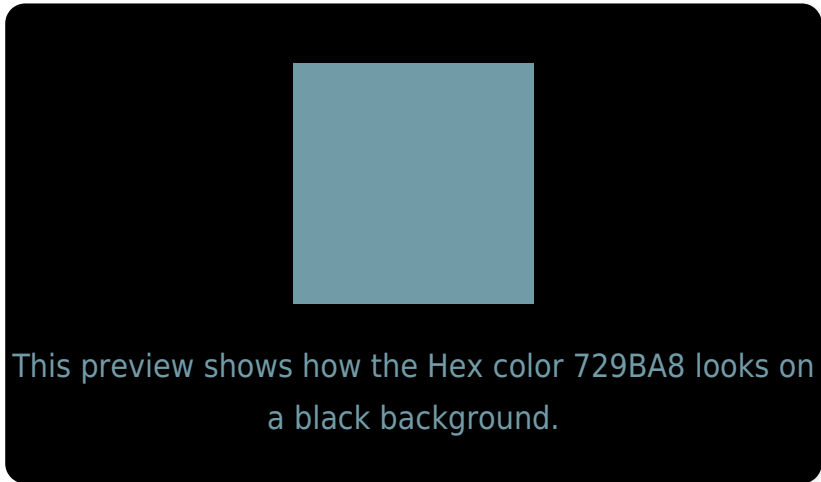
Large Text (above 18pt) WCAG AA ✓ Pass

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

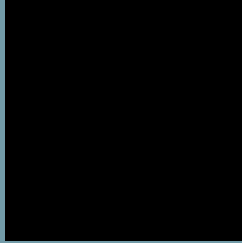
Any Text WCAG AA ✓ Pass

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 729BA8 Background



This preview shows how black text looks on a background with the Hex color 729BA8.

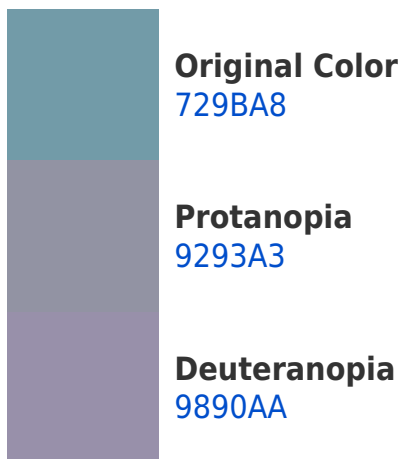


This preview shows how white text looks on a background with the Hex color 729BA8.

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](#).

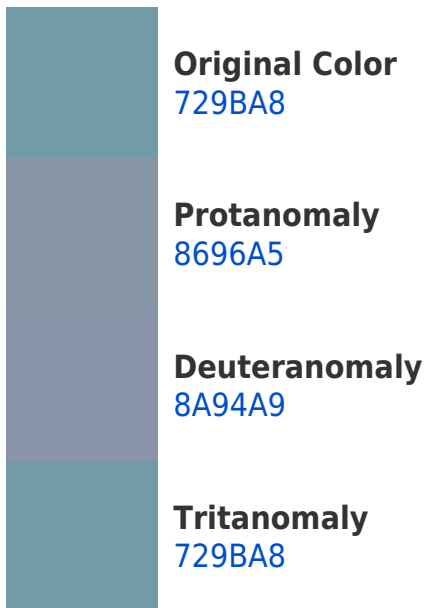
Dichromacy





Tritanopia
729BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729BA8 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 #729BA8 looks like.

```
.text, #text, p{  
    color:#729BA8  
}
```

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 #729BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729BA8  
}
```

Border

The CSS property to change the border of an element to Hex 729BA8 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  
#729BA8 }
```

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

```
.border{ border-color:#729BA8 }
```

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

Here you see how a box with a 4 pixel #729BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729BA8; -webkit-box-shadow:4px 4px  
4px 4px #729BA8; box-shadow:4px 4px 4px  
4px #729BA8 }
```

Background

The CSS property to change the background color of an element to Hex 729BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729BA8 }
```

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

```
.background{ background-color:#729BA8 }
```

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