

Converting Colors

Hex(72999A)

Have a look what the booklet for
Hex(72999A) contains.

Hex(72999A)	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(72999A)

Conversions

Conversions Part 1

Format	Color
Hex	72999A
RGB	114, 153, 154
RGB Percent	45%, 60%, 60%
CMY	0.5529, 0.4000, 0.3961
CMYK	0.26, 0.01, 0.00, 0.40
HSL	182°, 17%, 53%
HSV	182°, 26%, 60%
XYZ	24.1634, 28.6930, 34.8366
YIQ	141.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

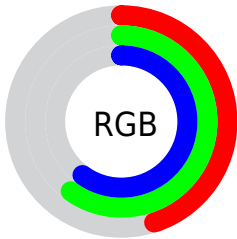
Format	Color
RYB	114, 134, 154
Decimal	7510426
CIELab	60.51, -13.04, -4.88
CIELCh	61, 13.920, 200.509
Yxy	28.6930, 0.2755, 0.3272
Android (android.graphics.Color)	4285700506 (0xFF72999A)
YUV	141.4530, 6.1857, -24.0763
Hunter-Lab	53.5658, -13.2193, -1.0633

Details

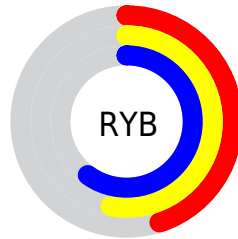
The Hex color `72999A` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `9A7372`, and the grayscale version is `8D8D8D`.

A 20% lighter version of the original color is `A7CFD0`, and `406667` is the 20% darker color. If you saturate the color by 10%, you get `63999A`, and if you desaturate by 10%, it is `81999A`.

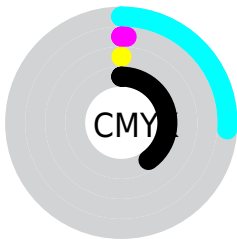
Distribution



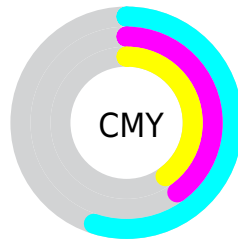
- Red (45%)
- Green (60%)
- Blue (60%)



- Red (45%)
- Yellow (53%)
- Blue (60%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72999A 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 72999A by changing the saturation by 10% instead.

■ 72999A

■ 72999A

FFFFFF

■ 597F80

■ A7CFD0

■ 406667

■ C2ECED

■ 284E4F

■ DFFFFF

■ 103738

■ FCFFFF

■ 002123

■ 00040D

■ 000000

■ 72999A

■ 72999A

■ 63999A

■ 81999A

53989A

919A9A

44989A

A09A9A

34979A

B09B9A

25979A

BF9B9A

16979A

CE9B9A

06969A

DE9C9A

00969A

ED9C9A

FD9C9A

Harmonies

Analogous

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



78998D



72999A



7597A4

Triad

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



72999A



9E8CA2



A0907A

Complementary

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



72999A



9A7372

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.



A98C7F



72999A



A88A96

Square

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



72999A



8F90A9



AC8A8A



93947B

Rectangle

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



72999A



7B95A9



AC8A8A



A38E7B

Sweetspot

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



72999A



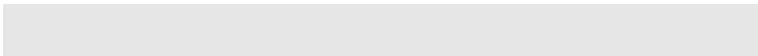
B9C9C9



729A73



5C6666



E6E6E6



666666

Same Dimension

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



72999A



8BC8C9



72859A



454C4D



00898C



000C0D

Inverse Universe

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



9A7299



C98BC8



9A8772



4D454C



8C0089



0D000C

Previews

White Background



This preview shows how the Hex color 72999A looks on a white background.

Color Contrast Check

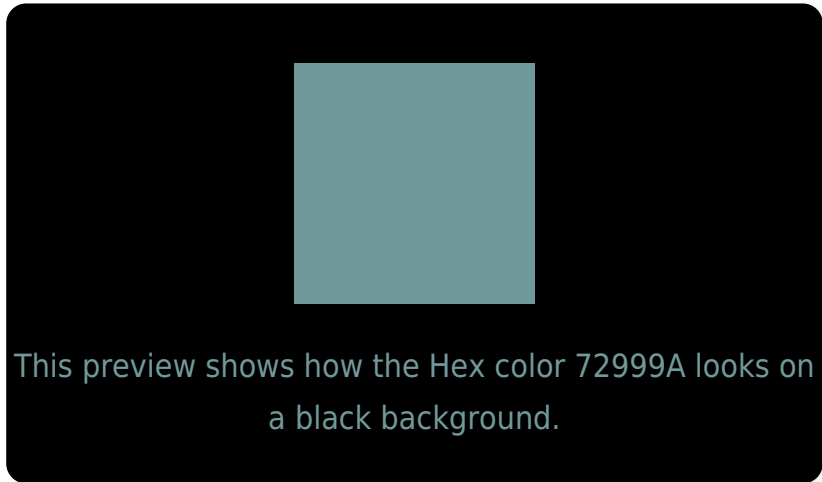
Large Text (above 18pt) WCAG AA ✓ Pass

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

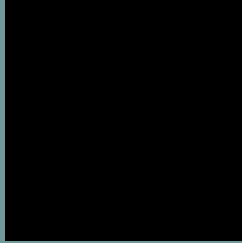
Any Text WCAG AA ✓ Pass

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 72999A Background



This preview shows how black text looks on a background with the Hex color 72999A.

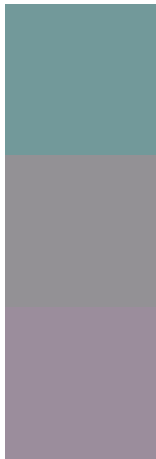


This preview shows how white text looks on a background with the Hex color 72999A.

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
72999A

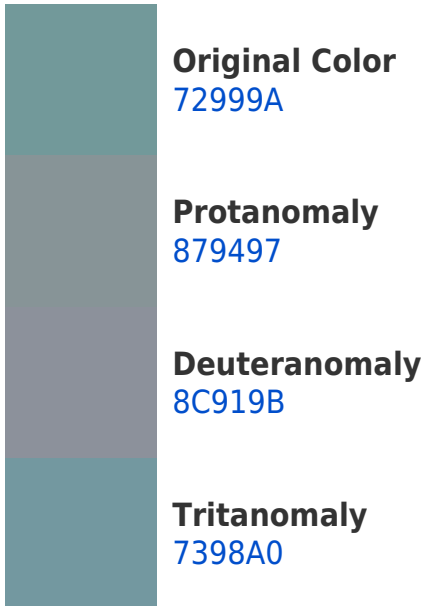
Protanopia
939195

Deuteranopia
9B8D9C

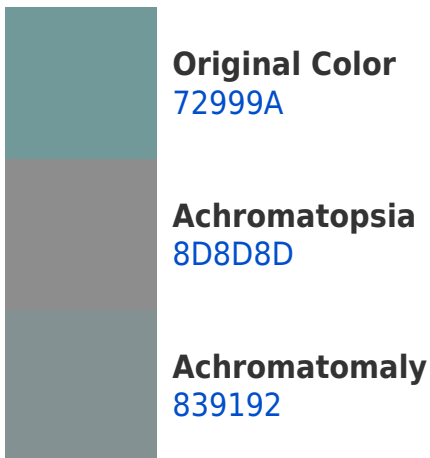


Tritanopia
7498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72999A 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 #72999A looks like.

```
.text, #text, p{  
    color:#72999A  
}
```

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 #72999A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72999A
}
```

Border

The CSS property to change the border of an element to Hex 72999A 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
#72999A }
```

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

```
.border{ border-color:#72999A }
```

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

Here you see how a box with a 4 pixel #72999A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72999A; -webkit-box-shadow:4px 4px  
4px 4px #72999A; box-shadow:4px 4px 4px  
4px #72999A }
```

Background

The CSS property to change the background color of an element to Hex 72999A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72999A }
```

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

```
.background{ background-color:#72999A }
```

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