

Converting Colors

Hex(749A98)

Have a look what the booklet for
Hex(749A98) contains.

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Color

Hex(749A98)

Conversions

Conversions Part 1

Format	Color
Hex	749A98
RGB	116, 154, 152
RGB Percent	45%, 60%, 60%
CMY	0.5451, 0.3961, 0.4039
CMYK	0.25, 0.00, 0.01, 0.40
HSL	177°, 16%, 53%
HSV	177°, 25%, 60%
XYZ	24.4256, 29.0912, 34.0336
YIQ	142.4100, -22.0060, -8.6780

Conversions

Conversions Part 2

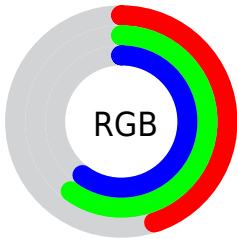
Format	Color
R_{YB}	116, 136, 154
Decimal	7641752
CIE _{Lab}	60.86, -13.42, -3.21
CIE _{LCh}	61, 13.794, 193.458
Yxy	29.0912, 0.2790, 0.3323
Android (android.graphics.Color)	4285831832 (0xFF749A98)
YUV	142.4100, 4.7279, -23.1616
Hunter-Lab	53.9363, -13.5530, 0.3436

Details

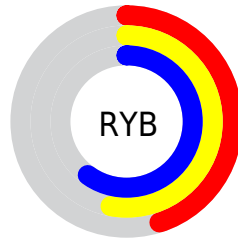
The Hex color **749A98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A7476**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A9D0CE**, and **426765** is the 20% darker color. If you saturate the color by 10%, you get **659A97**, and if you desaturate by 10%, it is **839A99**.

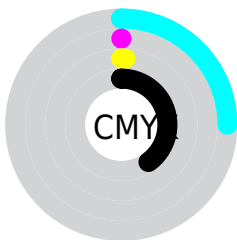
Distribution



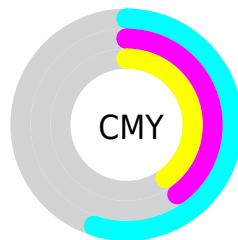
- Red (45%)
- Green (60%)
- Blue (60%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 749A98 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 749A98 by changing the saturation by 10% instead.

749A98

749A98

FFFFFF

5B807E

A9D0CE

426765

C4EDEA

2B4F4D

E1FFFF

133837

FEFFFF

002221

00060B

000000

749A98

749A98

659A97

839A99

559A96

939A9A

469A96

A29A9A

369A95

B29A9B

279A94

C19A9C

189A93

D09A9D

089A92

E09A9E

009A92

EF9A9E

FF9A9F

Harmonies

Analogous

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



7C998B



749A98



7499A3

Triad

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



749A98



9C8EA5



A3907C

Complementary

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



749A98



9A7476

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.



AB8C83



749A98



A78B9A

Square

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



749A98



8C92AA



AD8A8E



97947B

Rectangle

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



749A98



7A97A8



AD8A8E



A68E7D

Sweetspot

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



749A98



BBC9C9



779A74



5E6666



E6E6E6



666666

Same Dimension

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



749A98



8DC9C6



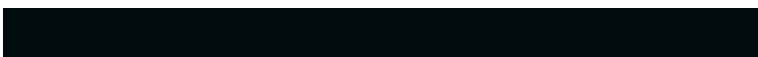
748A9A



454D4C



008C85



000D0C

Inverse Universe

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



9A7476



C98D90



9A8474



4D4545



8C0007



0D0001

Previews

White Background



This preview shows how the Hex color 749A98 looks on a white background.

Color Contrast Check

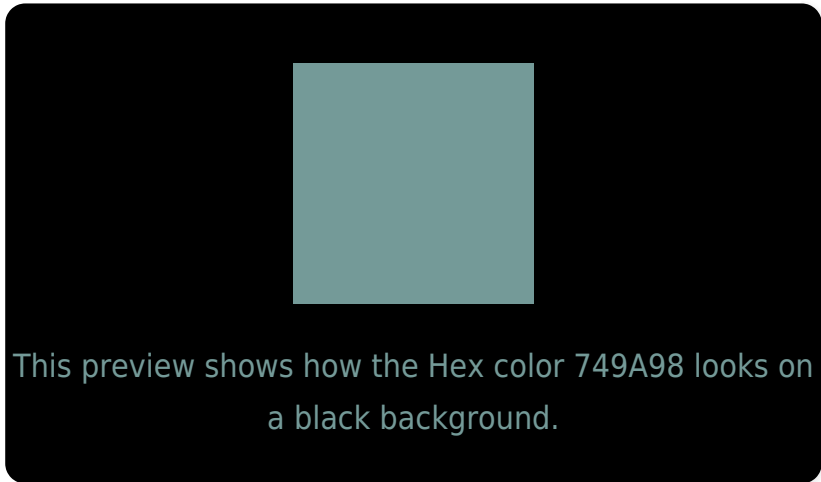
Large Text (above 18pt) WCAG AA ✓ Pass

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

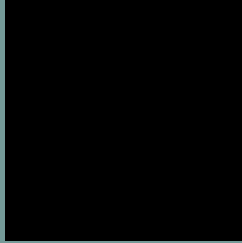
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

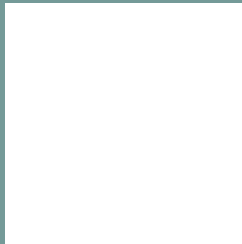
Any Text WCAG AAA × Fail

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

Hex 749A98 Background



This preview shows how black text looks on a background with the Hex color 749A98.

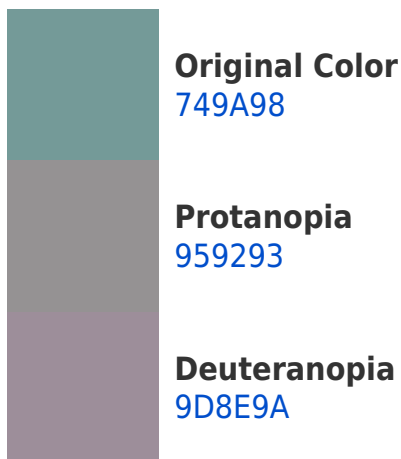


This preview shows how white text looks on a background with the Hex color 749A98.

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](#).

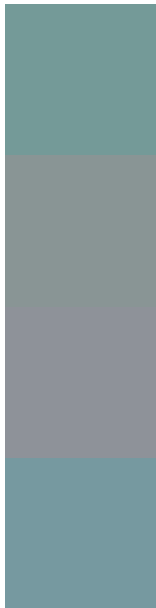
Dichromacy





Tritanopia
7798A4

Trichromacy



Original Color
749A98

Protanomaly
899595

Deuteranomaly
8E9299

Tritanomaly
7699A0

Monochromacy



Original Color
749A98

Achromatopsia
8E8E8E

Achromatomaly
859292

CSS Examples

Text

The CSS property to change the color of the text to Hex 749A98 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 #749A98 looks like.

```
.text, #text, p{  
    color:#749A98  
}
```

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 #749A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A98
}
```

Border

The CSS property to change the border of an element to Hex 749A98 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
#749A98 }
```

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

```
.border{ border-color:#749A98 }
```

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

Here you see how a box with a 4 pixel #749A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A98; -webkit-box-shadow:4px 4px  
4px 4px #749A98; box-shadow:4px 4px 4px  
4px #749A98 }
```

Background

The CSS property to change the background color of an element to Hex 749A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A98 }
```

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

```
.background{ background-color:#749A98 }
```

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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