

Converting Colors

Hex(749C7B)

Have a look what the booklet for
Hex(749C7B) contains.

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Color

Hex(749C7B)

Conversions

Conversions Part 1

Format	Color
Hex	749C7B
RGB	116, 156, 123
RGB Percent	45%, 61%, 48%
CMY	0.5451, 0.3882, 0.5176
CMYK	0.26, 0.00, 0.21, 0.39
HSL	130°, 17%, 53%
HSV	130°, 26%, 61%
XYZ	22.6661, 28.9200, 23.1264
YIQ	140.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

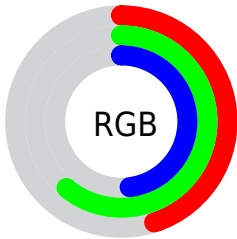
Format	Color
RYB	116, 150, 156
Decimal	7642235
CIELab	60.71, -20.59, 12.93
CIElCh	61, 24.312, 147.867
Yxy	28.9200, 0.3034, 0.3871
Android (android.graphics.Color)	4285832315 (0xFF749C7B)
YUV	140.2780, -8.5181, -21.2918
Hunter-Lab	53.7773, -18.8761, 12.1471

Details

The Hex color **749C7B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C7495**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A9D3B0**, and **43694A** is the 20% darker color. If you saturate the color by 10%, you get **649C6E**, and if you desaturate by 10%, it is **849C88**.

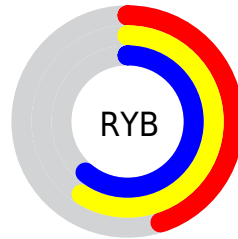
Distribution



Red (45%)

Green (61%)

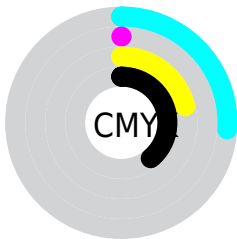
Blue (48%)



Red (45%)

Yellow (59%)

Blue (61%)

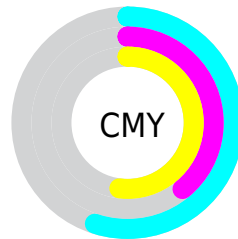


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749C7B 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 749C7B by changing the saturation by 10% instead.

 749C7B

 749C7B

FFFFFF

 5B8262

 A9D3B0

 43694A

 C4EFCB

 2B5033

 E0FFE7

 14391E

FDFFFF

 002306

 000500

 000000

 749C7B

 749C7B

 649C6E

 849C88

■ 559C61

■ 939C95

■ 459C54

■ A39CA2

■ 369C48

■ B29CAE

■ 269C3B

■ C29CBB

■ 169C2E

■ D29CC8

■ 079C21

■ E19CD5

■ 009C1B

■ F19CE2

■ FF9CEF

Harmonies

Analogous

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



8D976C



749C7B



5D9E90

Triad

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



749C7B



7595BD



BD847F

Complementary

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



749C7B



9C7495

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.



BB8395



749C7B



948DB8

Square

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



749C7B



5A9BB6



AD87AA



B5896F

Rectangle

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



749C7B



539E9F



AD87AA



BE8386

Sweetspot

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



749C7B



BCCCBF



959C74



5C665E



E6E6E6



666666

Same Dimension

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



749C7B



8DCC98



749C8F



474F49



008F19



000F03

Inverse Universe

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



9C7495



CC8DC1



9C7481



4F474E



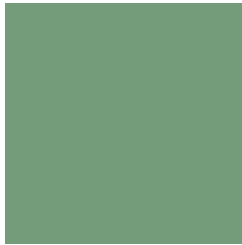
8F0076



0F000D

Previews

White Background



This preview shows how the Hex color 749C7B looks on a white background.

Color Contrast Check

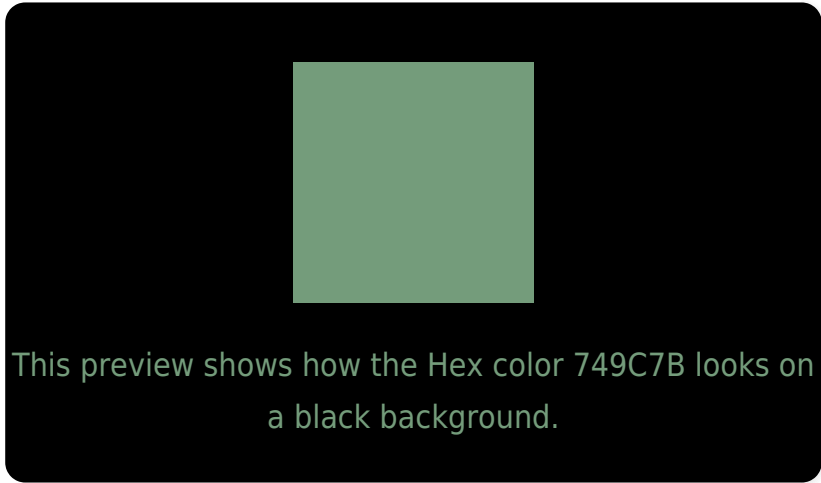
Large Text (above 18pt) WCAG AA ✓ Pass

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

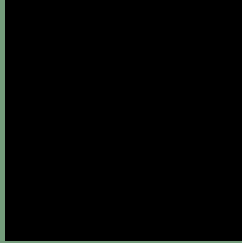
Any Text WCAG AA ✓ Pass

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 749C7B Background



This preview shows how black text looks on a background with the Hex color 749C7B.



This preview shows how white text looks on a background with the Hex color 749C7B.

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](#).

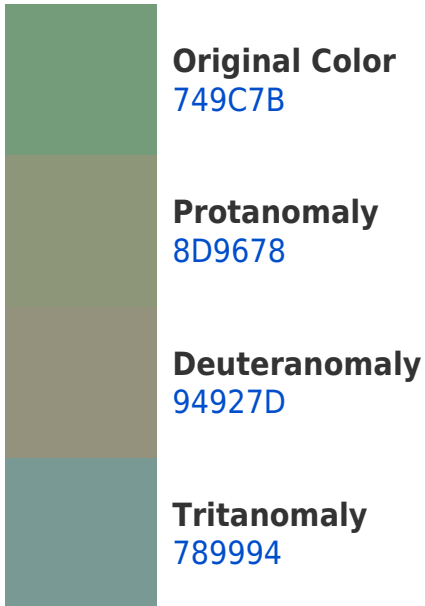
Dichromacy



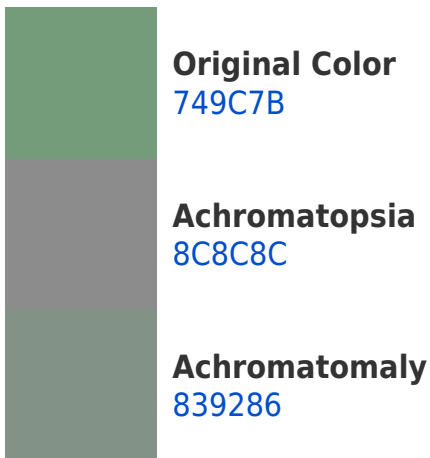


Tritanopia
7B97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749C7B 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 #749C7B looks like.

```
.text, #text, p{  
    color:#749C7B  
}
```

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 #749C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749C7B
}
```

Border

The CSS property to change the border of an element to Hex 749C7B 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
#749C7B }
```

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

```
.border{ border-color:#749C7B }
```

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

Here you see how a box with a 4 pixel #749C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749C7B; -webkit-box-shadow:4px 4px  
4px 4px #749C7B; box-shadow:4px 4px 4px  
4px #749C7B }
```

Background

The CSS property to change the background color of an element to Hex 749C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749C7B }
```

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

```
.background{ background-color:#749C7B }
```

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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