

Converting Colors

Hex(749B9D)

Have a look what the booklet for
Hex(749B9D) contains.

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Color

Hex(749B9D)

Conversions

Conversions Part 1

Format	Color
Hex	749B9D
RGB	116, 155, 157
RGB Percent	45%, 61%, 62%
CMY	0.5451, 0.3922, 0.3843
CMYK	0.26, 0.01, 0.00, 0.38
HSL	183°, 17%, 54%
HSV	183°, 26%, 62%
XYZ	25.0096, 29.5900, 36.2916
YIQ	143.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

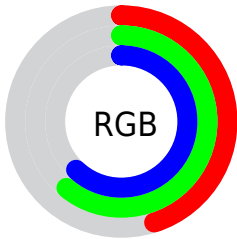
Format	Color
RYB	116, 136, 157
Decimal	7642013
CIELab	61.30, -12.78, -5.39
CIELCh	61, 13.876, 202.879
Yxy	29.5900, 0.2752, 0.3256
Android (android.graphics.Color)	4285832093 (0xFF749B9D)
YUV	143.5670, 6.6225, -24.1763
Hunter-Lab	54.3967, -13.1265, -1.4785

Details

The Hex color **749B9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D7674**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A9D2D4**, and **42686A** is the 20% darker color. If you saturate the color by 10%, you get **649A9D**, and if you desaturate by 10%, it is **849C9D**.

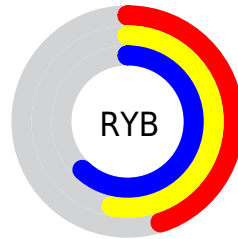
Distribution



Red (45%)

Green (61%)

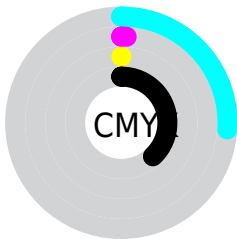
Blue (62%)



Red (45%)

Yellow (53%)

Blue (62%)

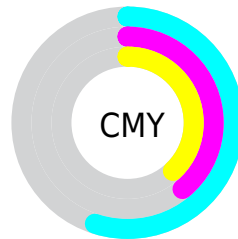


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749B9D 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 749B9D by changing the saturation by 10% instead.



749B9D



749B9D

FFFFFF



5B8183



A9D2D4



42686A



C5EEF0



2A5052



E1FFFF



11393B

FEFFFF



002325



000A10



000000



749B9D



749B9D



649A9D



849C9D

55999D

939D9D

45999D

A39D9D

35989D

B39E9D

25979D

C39F9D

16969D

D2A09D

06969D

E2A09D

00959D

F2A19D

FFA29D

Harmonies

Analogous

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



7A9B90



749B9D



7799A7

Triad

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



749B9D



A18EA3



A1927C

Complementary

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



749B9D



9D7674

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.



AA8E81



749B9D



AB8C97

Square

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



749B9D



9392AA



AE8C8B



94967D

Rectangle

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



749B9D



7E97AB



AE8C8B



A4917D

Sweetspot

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



749B9D



BCCBCC



749D75



5C6666



E6E6E6



666666

Same Dimension

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



749B9D



8DC9CC



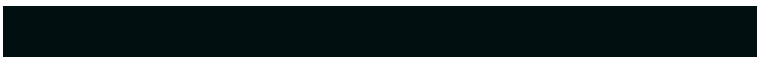
74879D



474F4F



00888F



000F0F

Inverse Universe

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



9D749B



CC8DC9



9D8A74



4F474F



8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 749B9D looks on a white background.

Color Contrast Check

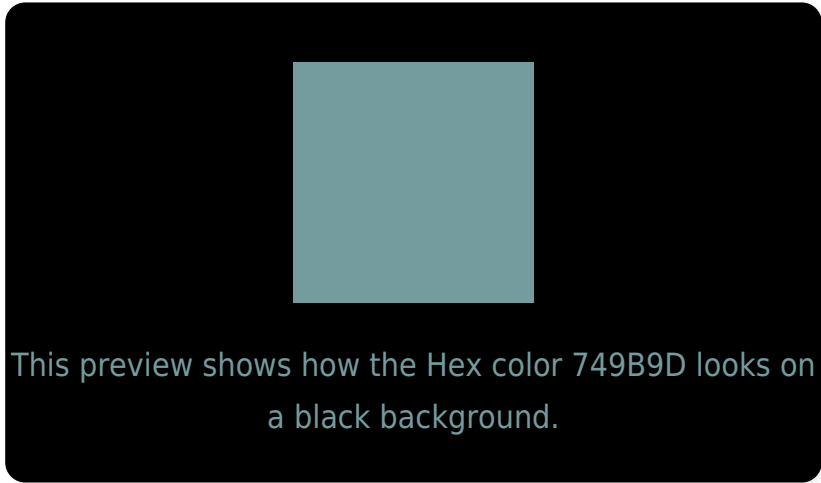
Large Text (above 18pt) WCAG AA ✓ Pass

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

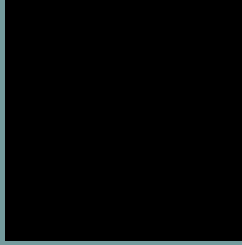
Any Text WCAG AA ✓ Pass

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 749B9D Background



This preview shows how black text looks on a background with the Hex color 749B9D.

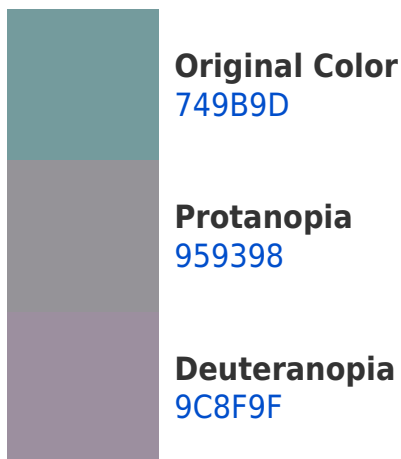


This preview shows how white text looks on a background with the Hex color 749B9D.

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
769AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749B9D 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 #749B9D looks like.

```
.text, #text, p{  
    color:#749B9D  
}
```

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 #749B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749B9D
}
```

Border

The CSS property to change the border of an element to Hex 749B9D 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
#749B9D }
```

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

```
.border{ border-color:#749B9D }
```

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

Here you see how a box with a 4 pixel #749B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749B9D; -webkit-box-shadow:4px 4px  
4px 4px #749B9D; box-shadow:4px 4px 4px  
4px #749B9D }
```

Background

The CSS property to change the background color of an element to Hex 749B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749B9D }
```

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

```
.background{ background-color:#749B9D }
```

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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