

Converting Colors

Hex(749B9E)

Have a look what the booklet for
Hex(749B9E) contains.

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Color

Hex(749B9E)

Conversions

Conversions Part 1	
Format	Color
Hex	749B9E
RGB	116, 155, 158
RGB Percent	45%, 61%, 62%
CMY	0.5451, 0.3922, 0.3804
CMYK	0.27, 0.02, 0.00, 0.38
HSL	184°, 18%, 54%
HSV	184°, 27%, 62%
XYZ	25.0954, 29.6243, 36.7432
YIQ	143.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

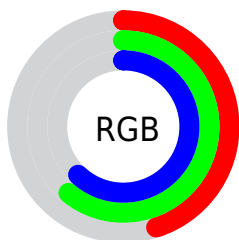
Format	Color
RYB	116, 136, 158
Decimal	7642014
CIELab	61.33, -12.55, -5.92
CIELCh	61, 13.872, 205.244
Yxy	29.6243, 0.2744, 0.3239
Android (android.graphics.Color)	4285832094 (0xFF749B9E)
YUV	143.6810, 7.0593, -24.2762
Hunter-Lab	54.4282, -12.9479, -1.9255

Details

The Hex color **749B9E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E7774**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A9D1D5**, and **42686B** is the 20% darker color. If you saturate the color by 10%, you get **649A9E**, and if you desaturate by 10%, it is **849C9E**.

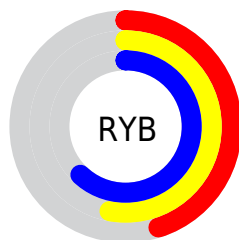
Distribution



Red (45%)

Green (61%)

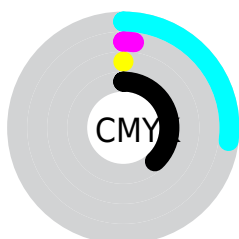
Blue (62%)



Red (45%)

Yellow (53%)

Blue (62%)

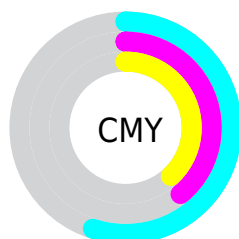


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749B9E 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 749B9E by changing the saturation by 10% instead.



749B9E



749B9E

FFFFFF



5B8184



A9D1D5



42686B



C5EEF1



2A5053



E1FFFF



11393C

FEFFFF



002326



000A11



000000



749B9E



749B9E



649A9E



849C9E

 54999E

 949D9E

 45989E

 A39E9E

 35969E

 B3A09E

 25959E

 C3A19E

 15949E

 D3A29E

 05939E

 E3A39E

 00939E

 F2A49E

 FFA59E

Harmonies

Analogous

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



799B92



749B9E



7899A8

Triad

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



749B9E



A28EA2



A0937C

Complementary

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



749B9E



9E7774

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.



AA8F80



749B9E



AC8C96

Square

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



749B9E



9492AA



AE8C8A



93967E

Rectangle

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



749B9E



7F97AB



AE8C8A



A4917D

Sweetspot

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



749B9E



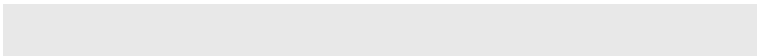
BECDCE



749E77



5E6869



E8E8E8



696969

Same Dimension

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



749B9E



8CCACF



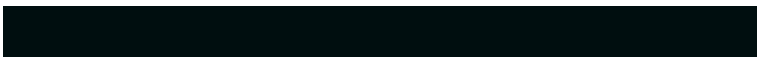
74869E



474E4F



00858F



000E0F

Inverse Universe

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



9E749B



CF8CCA



9E8C74



4F474E



8F0085



0F000E

Previews

White Background



This preview shows how the Hex color 749B9E looks on a white background.

Color Contrast Check

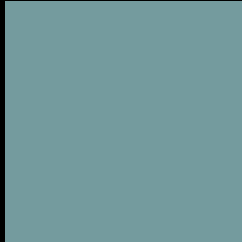
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 749B9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

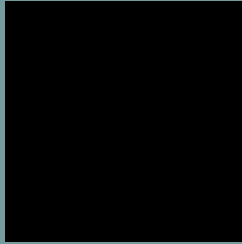
Any Text WCAG AA ✓ Pass

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 749B9E Background



This preview shows how black text looks on a background with the Hex color 749B9E.



This preview shows how white text looks on a background with the Hex color 749B9E.

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

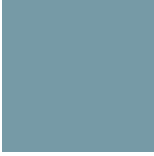
749B9E

Protanopia

959399

Deuteranopia

9C8FA0

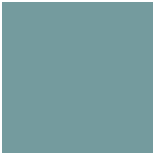




Tritanopia
769AA6

Trichromacy

	Original Color 749B9E
	Protanomaly 89969B
	Deuteranomaly 8D939F
	Tritanomaly 759AA3

Monochromacy

	Original Color 749B9E
	Achromatopsia 909090
	Achromatomaly 869495

CSS Examples

Text

The CSS property to change the color of the text to Hex 749B9E 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 #749B9E looks like.

```
.text, #text, p{  
    color:#749B9E  
}
```

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 #749B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749B9E
}
```

Border

The CSS property to change the border of an element to Hex 749B9E 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
#749B9E }
```

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

```
.border{ border-color:#749B9E }
```

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

Here you see how a box with a 4 pixel #749B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749B9E; -webkit-box-shadow:4px 4px  
4px 4px #749B9E; box-shadow:4px 4px 4px  
4px #749B9E }
```

Background

The CSS property to change the background color of an element to Hex 749B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749B9E }
```

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

```
.background{ background-color:#749B9E }
```

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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