

Converting Colors

Hex(4C729E)

Have a look what the booklet for
Hex(4C729E) contains.

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Color

Hex(4C729E)

Conversions

Conversions Part 1

Format	Color
Hex	4C729E
RGB	76, 114, 158
RGB Percent	30%, 45%, 62%
CMY	0.7020, 0.5529, 0.3804
CMYK	0.52, 0.28, 0.00, 0.38
HSL	212°, 35%, 46%
HSV	212°, 52%, 62%
XYZ	15.1694, 16.0397, 34.6442
YIQ	107.6540, -36.7720, 5.6280

Conversions

Conversions Part 2

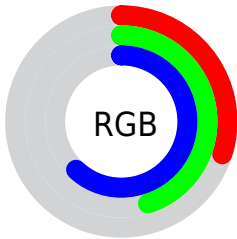
Format	Color
R_{YB}	76, 102, 158
Decimal	5010078
CIE _{Lab}	47.03, -0.45, -27.87
CIE _{LCh}	47, 27.875, 269.071
Yxy	16.0397, 0.2304, 0.2436
Android (android.graphics.Color)	4283200158 (0xFF4C729E)
YUV	107.6540, 24.8206, -27.7606
Hunter-Lab	40.0497, -2.4776, -23.2530

Details

The Hex color **4C729E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E784C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **82A6D5**, and **11426A** is the 20% darker color. If you saturate the color by 10%, you get **3C6A9E**, and if you desaturate by 10%, it is **5C7A9E**.

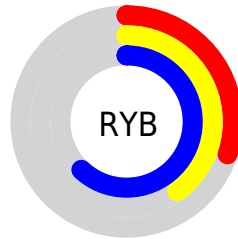
Distribution



Red (30%)

Green (45%)

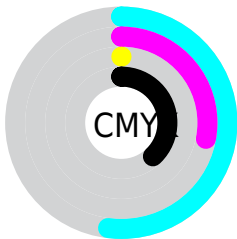
Blue (62%)



Red (30%)

Yellow (40%)

Blue (62%)

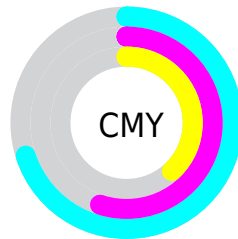


Cyan (52%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (70%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C729E 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 4C729E by changing the saturation by 10% instead.



4C729E



4C729E

FFFFFF



315A84



82A6D5



11426A



9DC1F1



002C52



B9DDFF



00183B



D6F9FF



000225



F3FFFF



00010D



000000



4C729E



4C729E



3C6A9E



5C7A9E

■ 2C619E

■ 6C839E

■ 1D599E

■ 7B8B9E

■ 0D509E

■ 8B949E

■ 00499E

■ 9B9C9E

■ ABA59E

■ BBAD9E

■ CAB69E

■ DABE9E

Harmonies

Analogous

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



217897



4C729E



716A98

Triad

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



4C729E



9C5F5A



4B7A57

Complementary

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



4C729E



9E784C

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.



677546



4C729E



926648

Square

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



4C729E



9B5D71



806E40



2B7C6E

Rectangle

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



4C729E



85648E



806E40



557850

Sweetspot

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



4C729E



AEBDCF



4C9E78



555E69



E8E8E8



696969

Same Dimension

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



4C729E



4E8ACF



4F4C9E



474B4F



00428F



00070F

Inverse Universe

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



9E4C72



CF4E8A



9B9E4C



4F474B



8F0042



0F0007

Previews

White Background



This preview shows how the Hex color 4C729E looks on a white background.

Color Contrast Check

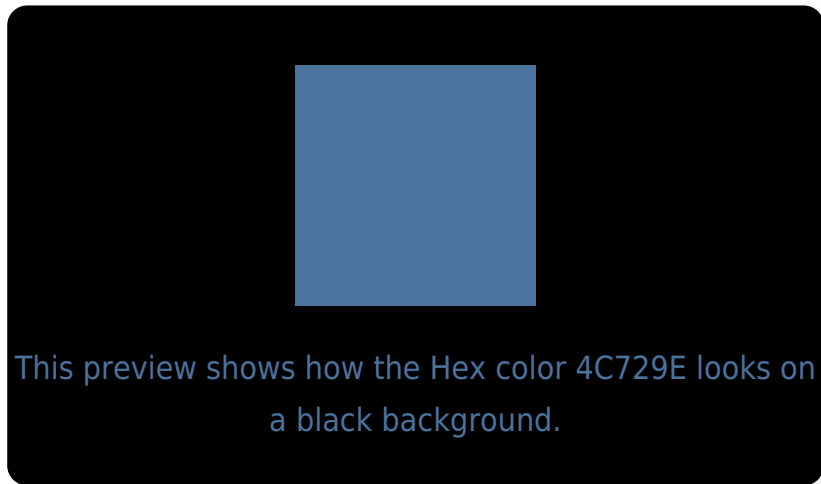
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

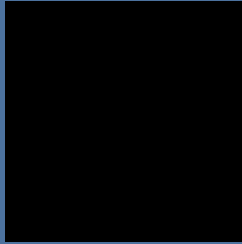
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4C729E Background



This preview shows how black text looks on a background with the Hex color 4C729E.

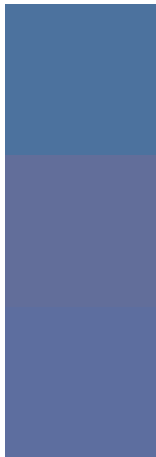


This preview shows how white text looks on a background with the Hex color 4C729E.

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
4C729E

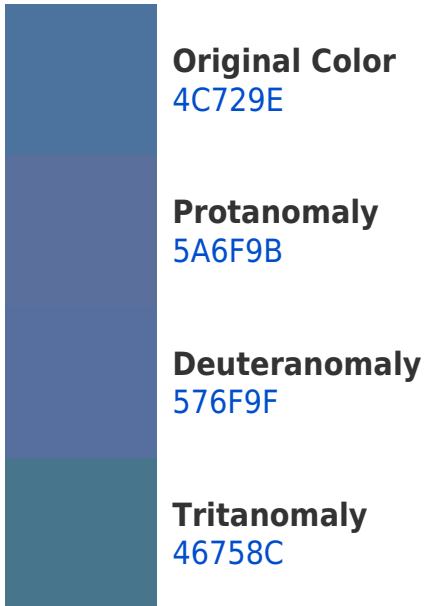
Protanopia
626E9A

Deuteranopia
5D6E9F

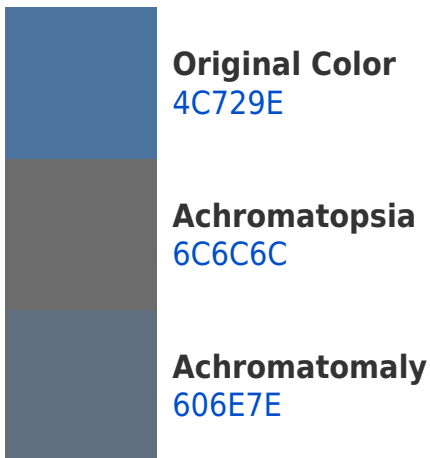


Tritanopia
427781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C729E 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 #4C729E looks like.

```
.text, #text, p{  
    color:#4C729E  
}
```

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 #4C729E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C729E
}
```

Border

The CSS property to change the border of an element to Hex 4C729E is called "border". The border property can be set on classes, ids or directly on the HTML element.

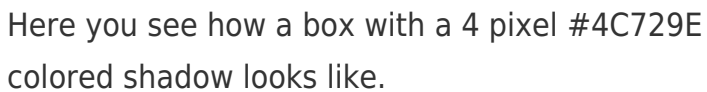
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C729E }
```

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

```
.border{ border-color:#4C729E }
```

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



Here you see how a box with a 4 pixel #4C729E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C729E; -webkit-box-shadow:4px 4px  
4px 4px #4C729E; box-shadow:4px 4px 4px  
4px #4C729E }
```

Background

The CSS property to change the background color of an element to Hex 4C729E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C729E }
```

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

```
.background{ background-color:#4C729E }
```

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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