

Converting Colors

Hex(4C7F9F)

Have a look what the booklet for
Hex(4C7F9F) contains.

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Color

Hex(4C7F9F)

Conversions

Conversions Part 1

Format	Color
Hex	4C7F9F
RGB	76, 127, 159
RGB Percent	30%, 50%, 62%
CMY	0.7020, 0.5020, 0.3765
CMYK	0.52, 0.20, 0.00, 0.38
HSL	203°, 35%, 46%
HSV	203°, 52%, 62%
XYZ	16.8279, 19.2184, 35.6235
YIQ	115.3990, -40.6680, -0.8600

Conversions

Conversions Part 2

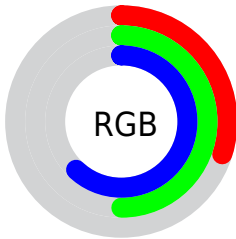
Format	Color
R_{YB}	76, 108, 159
Decimal	5013407
CIE _{Lab}	50.94, -7.78, -22.40
CIE _{LCh}	51, 23.710, 250.836
Yxy	19.2184, 0.2348, 0.2682
Android (android.graphics.Color)	4283203487 (0xFF4C7F9F)
YUV	115.3990, 21.4953, -34.5529
Hunter-Lab	43.8388, -8.1994, -17.4919

Details

The Hex color **4C7F9F** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9F6C4C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **82B4D6**, and **0F4E6B** is the 20% darker color. If you saturate the color by 10%, you get **3C799F**, and if you desaturate by 10%, it is **5C859F**.

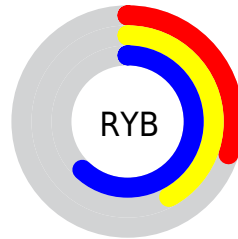
Distribution



Red (30%)

Green (50%)

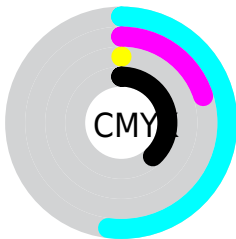
Blue (62%)



Red (30%)

Yellow (42%)

Blue (62%)

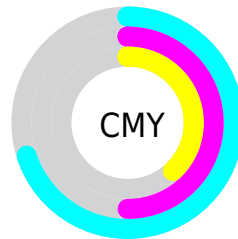


Cyan (52%)

Magenta (20%)

Yellow (0%)

Black (38%)



Cyan (70%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7F9F 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 4C7F9F by changing the saturation by 10% instead.



4C7F9F



4C7F9F

FFFFFF



306685



82B4D6



0F4E6B



9ECFF2



003753



BAEBFF



00223C



D6FFFF



000926



F3FFFF



000110



000000



4C7F9F



4C7F9F



3C799F



5C859F

■ 2C739F

■ 6C8B9F

■ 1C6D9F

■ 7C919F

■ 0C669F

■ 8C989F

■ 00629F

■ 9C9E9F

■ ABA49F

■ BBAA9F

■ CBB09F

■ DBB69F

Harmonies

Analogous

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



398393



4C7F9F



6A79A1

Triad

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



4C7F9F



A26A73



6A805A

Complementary

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



4C7F9F



9F6C4C

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.



807A51



4C7F9F



9F6D60

Square

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



4C7F9F



996C87



937454



52836B

Rectangle

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



4C7F9F



7D749C



937454



717E56

Sweetspot

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



4C7F9F



AEC2CF



4C9F6C



556169



E8E8E8



696969

Same Dimension

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



4C7F9F



4C9CCF



4C569F



474C4F



00588F



00090F

Inverse Universe

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



9F4C7F



CF4C9C



9F954C



4F474C



8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 4C7F9F looks on a white background.

Color Contrast Check

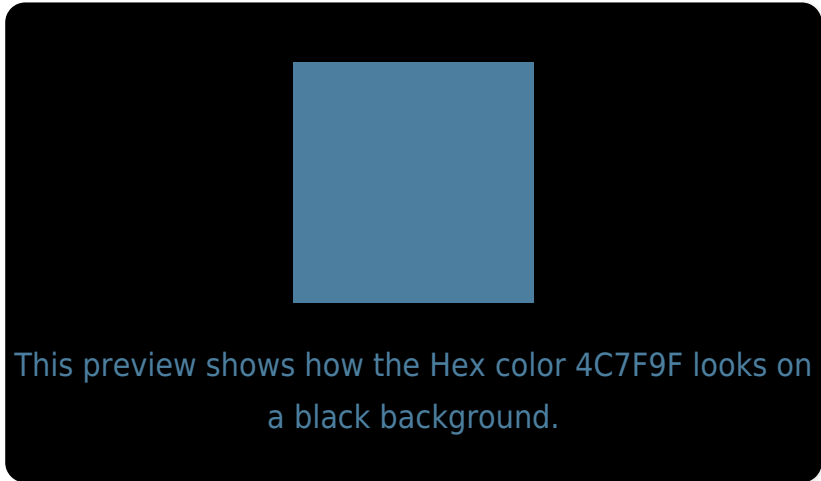
Large Text (above 18pt) WCAG AA ✓ Pass

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

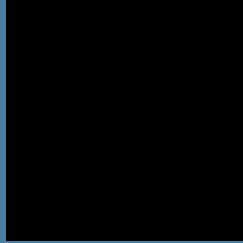
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

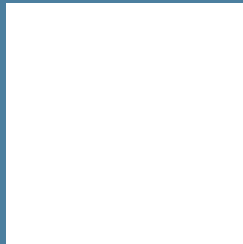
Any Text WCAG AAA × Fail

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

Hex 4C7F9F Background



This preview shows how black text looks on a background with the Hex color 4C7F9F.

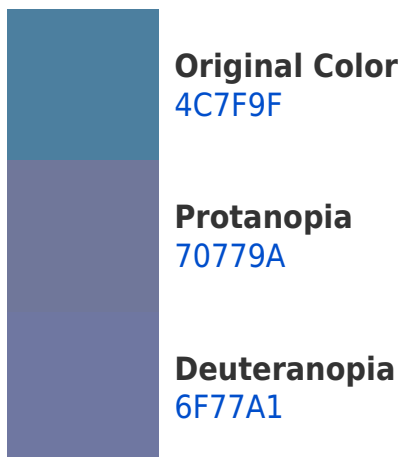



This preview shows how white text looks on a background with the Hex color 4C7F9F.

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](#).

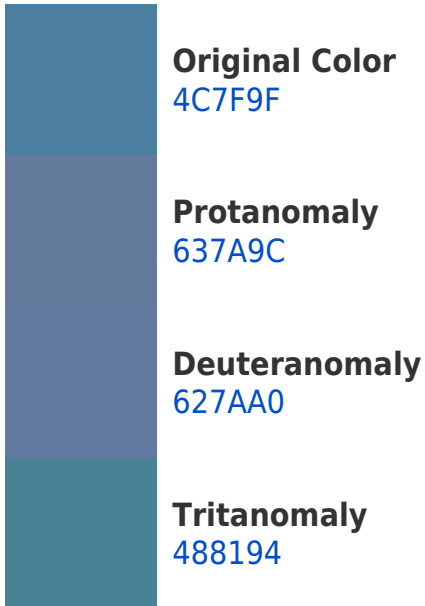
Dichromacy





Tritanopia
46828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7F9F 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 #4C7F9F looks like.

```
.text, #text, p{  
    color:#4C7F9F  
}
```

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 #4C7F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7F9F
}
```

Border

The CSS property to change the border of an element to Hex 4C7F9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

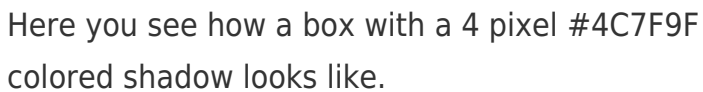
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C7F9F }
```

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

```
.border{ border-color:#4C7F9F }
```

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



Here you see how a box with a 4 pixel #4C7F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7F9F; -webkit-box-shadow:4px 4px  
4px 4px #4C7F9F; box-shadow:4px 4px 4px  
4px #4C7F9F }
```

Background

The CSS property to change the background color of an element to Hex 4C7F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7F9F }
```

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

```
.background{ background-color:#4C7F9F }
```

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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