

# Converting Colors

Hex(4988C7)

Have a look what the booklet for  
Hex(4988C7) contains.

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# Color

Hex(4988C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4988C7
RGB	73, 136, 199
RGB Percent	29%, 53%, 78%
CMY	0.7137, 0.4667, 0.2196
CMYK	0.63, 0.32, 0.00, 0.22
HSL	210°, 53%, 53%
HSV	210°, 63%, 78%
XYZ	21.8606, 23.1483, 57.3487
YIQ	124.3450, -57.7710, 6.2370

# Conversions

## Conversions Part 2

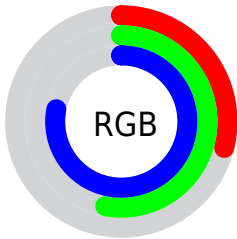
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 115, 199
Decimal	4819143
CIE Lab	55.22, -0.66, -38.72
CIE LCh	55, 38.721, 269.026
Yxy	23.1483, 0.2136, 0.2262
Android (android.graphics.Color)	4283009223 (0xFF4988C7)
YUV	124.3450, 36.8049, -45.0296
Hunter-Lab	48.1127, -3.0934, -36.9928

# Details

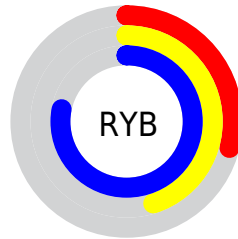
The Hex color **4988C7** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C78849**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **84BDFF**, and **005791** is the 20% darker color. If you saturate the color by 10%, you get **357EC7**, and if you desaturate by 10%, it is **5D92C7**.

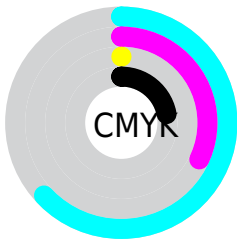
# Distribution



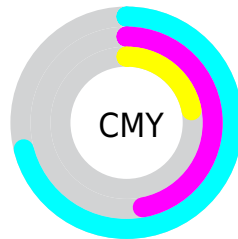
- Red (29%)
- Green (53%)
- Blue (78%)



- Red (29%)
- Yellow (45%)
- Blue (78%)



- Cyan (63%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4988C7 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 4988C7 by changing the saturation by 10% instead.





4988C7



4988C7

FFFFFF



266FAB



84BDFF



005791



A1D9FF



004077



BFF5FF



002A5E



DCFFFF



001646



FAFFFF



00042F



000119



000000



4988C7



4988C7

■ 357EC7

■ 5D92C7

■ 2174C7

■ 719CC7

■ 0D6AC7

■ 85A6C7

■ 0064C7

■ 99B0C7

■ ADBAC7

■ C0C4C7

■ D4CEC7

■ E8D8C7

■ FCE2C7

# Harmonies

## Analogous

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



0091BD



4988C7



857CBF

# Triad

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



4988C7



C36C65



4E9260

# Complementary

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



4988C7



C78849

# 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.



788C48



4988C7



B4764B

# Square

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



4988C7



C16987



9A8240



009582

# Rectangle

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



4988C7



A273B1



9A8240



5D9157

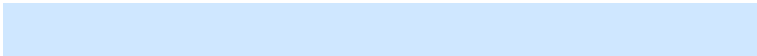


# Sweetspot

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



4988C7



CFE7FF



49C788



627180



000000



808080



# Same Dimension

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



4988C7



3D9EFF



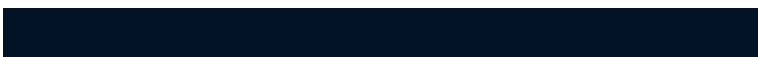
4949C7



5A5E63



0052A3



001224



# Inverse Universe

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



C74988



FF3D9E



C7C749



635A5E



A30052

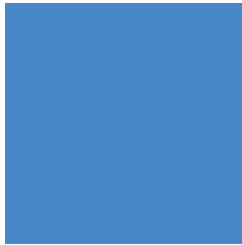


240012



# Previews

## White Background



This preview shows how the Hex color 4988C7 looks on a white background.

## Color Contrast Check

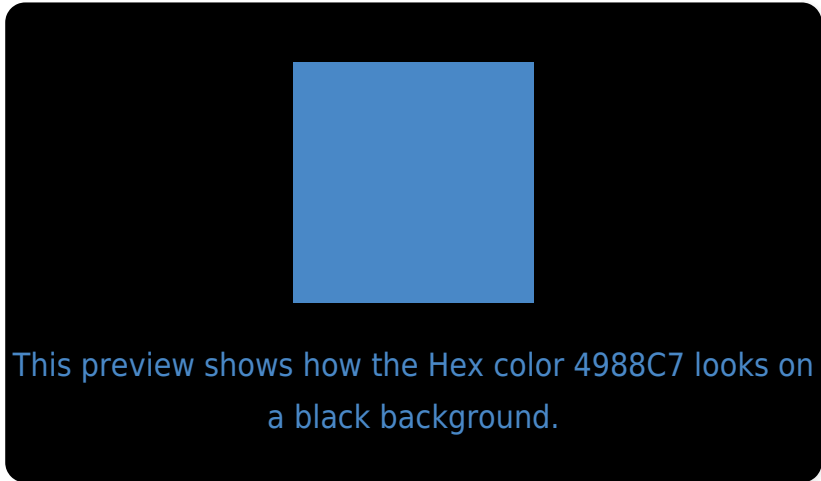
Large Text (above 18pt) WCAG AA ✓ Pass

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

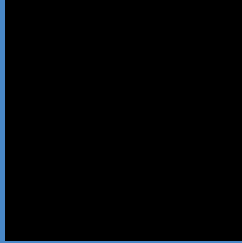
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4988C7 Background



This preview shows how black text looks on a background with the Hex color 4988C7.

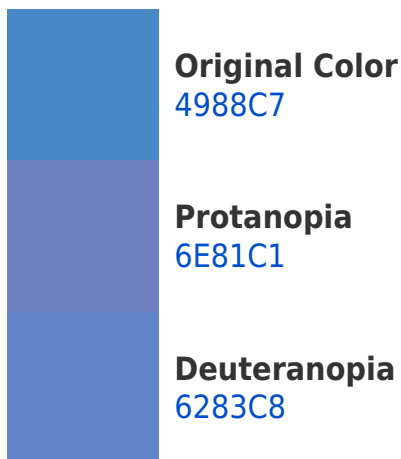


This preview shows how white text looks on a background with the Hex color 4988C7.

# 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](#).

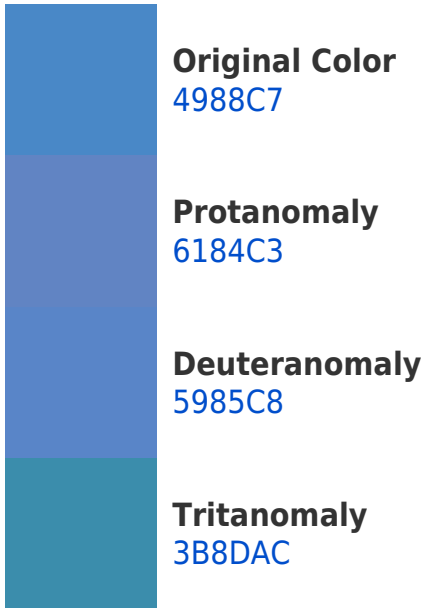
## Dichromacy



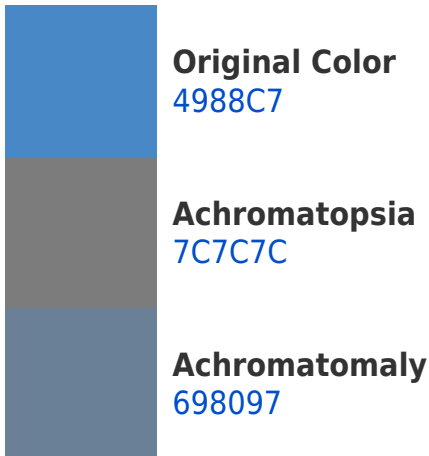


**Tritanopia**  
33909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4988C7 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 #4988C7 looks like.

```
.text, #text, p{  
    color:#4988C7  
}
```

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 #4988C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4988C7
}
```

## Border

The CSS property to change the border of an element to Hex 4988C7 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
#4988C7 }
```

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

```
.border{ border-color:#4988C7 }
```

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

Here you see how a box with a 4 pixel #4988C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4988C7; -webkit-box-shadow:4px 4px  
4px 4px #4988C7; box-shadow:4px 4px 4px  
4px #4988C7 }
```

# Background

The CSS property to change the background color of an element to Hex 4988C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4988C7 }
```

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

```
.background{ background-color:#4988C7 }
```

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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