

# Converting Colors

Hex(4E98BC)

Have a look what the booklet for  
Hex(4E98BC) contains.

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# Color

Hex(4E98BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E98BC
RGB	78, 152, 188
RGB Percent	31%, 60%, 74%
CMY	0.6941, 0.4039, 0.2627
CMYK	0.59, 0.19, 0.00, 0.26
HSL	200°, 45%, 52%
HSV	200°, 59%, 74%
XYZ	23.4472, 27.7070, 51.6891
YIQ	133.9780, -55.6600, -4.4920

# Conversions

## Conversions Part 2

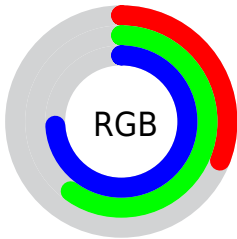
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 122, 188
Decimal	5150908
CIE <sub>Lab</sub>	59.62, -12.38, -25.63
CIE <sub>LCh</sub>	60, 28.466, 244.226
Yxy	27.7070, 0.2280, 0.2694
Android (android.graphics.Color)	4283340988 (0xFF4E98BC)
YUV	133.9780, 26.6328, -49.0927
Hunter-Lab	52.6375, -12.6032, -21.3756

# Details

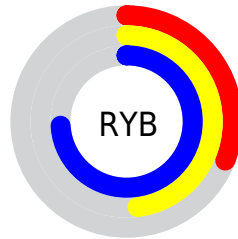
The Hex color **4E98BC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BC724E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **88CEF4**, and **006587** is the 20% darker color. If you saturate the color by 10%, you get **3B92BC**, and if you desaturate by 10%, it is **619EBC**.

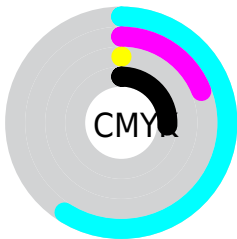
# Distribution



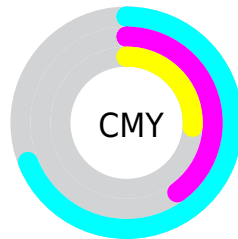
- Red (31%)
- Green (60%)
- Blue (74%)



- Red (31%)
- Yellow (48%)
- Blue (74%)



- Cyan (59%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (40%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E98BC 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 4E98BC by changing the saturation by 10% instead.



■ 4E98BC

■ 4E98BC

FFFFFF

■ 2F7EA1

■ 88CEF4

■ 006587

■ A4EAFF

■ 004D6D

■ C1FFFF

■ 003655

■ DEFFFF

■ 00213D

■ FCFFFF

■ 000328

■ 000111

■ 000000

■ 4E98BC

■ 4E98BC

■ 3B92BC

■ 619EBC

■ 288CBC

■ 74A4BC

■ 1686BC

■ 86AABC

■ 037FBC

■ 99B1BC

■ 007EBC

■ ACB7BC

■ BFBDBC

■ D2C3BC

■ E4C9BC

■ F7CFBC

# Harmonies

## Analogous

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



3A9CAB



4E98BC



7391C1

# Triad

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



4E98BC



C07D8D



829766

# Complementary

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



4E98BC



BC724E

# 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.



9D8F5D



4E98BC



C07F75

# Square

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



4E98BC



B280A6



B38763



659B79

# Rectangle

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



4E98BC



8C8BBD



B38763



8C9461



# Sweetspot

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



4E98BC



C9E6F5



4EBC71



5F727A



FAFAFA



7A7A7A



# Same Dimension

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



4E98BC



49BDF5



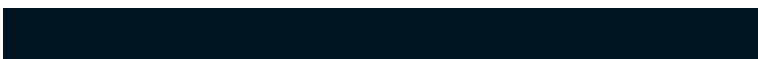
4E62BC



555B5E



006A9E



00151F



# Inverse Universe

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



BC4E98



F549BD



BCA84E



5E555B



9E006A



1F0015



# Previews

## White Background



This preview shows how the Hex color 4E98BC looks on a white background.

## Color Contrast Check

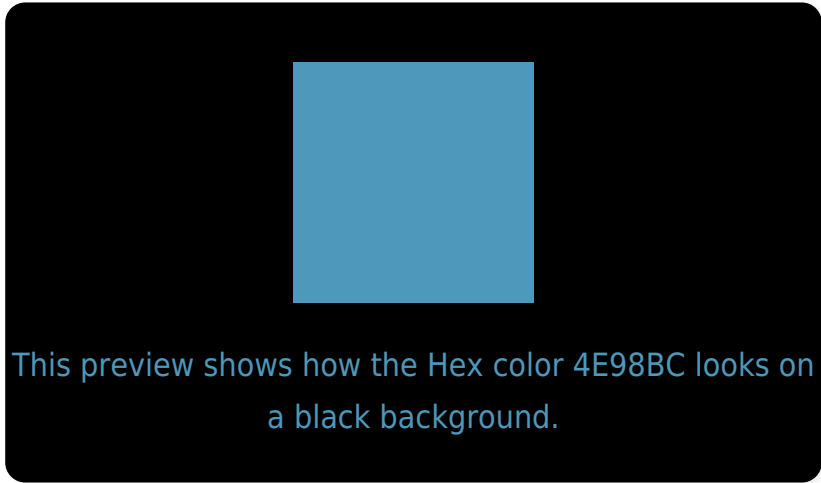
Large Text (above 18pt) WCAG AA ✓ Pass

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

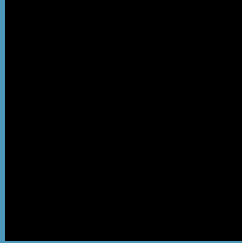
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E98BC Background



This preview shows how black text looks on a background with the Hex color 4E98BC.

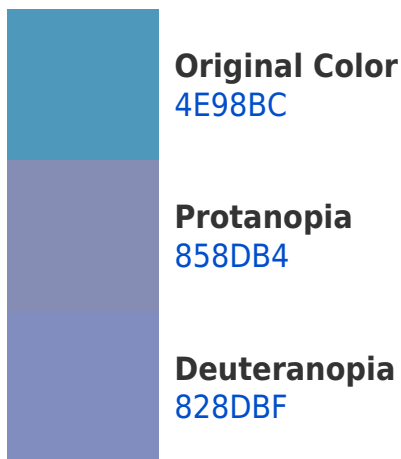


This preview shows how white text looks on a background with the Hex color 4E98BC.

# 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](#).

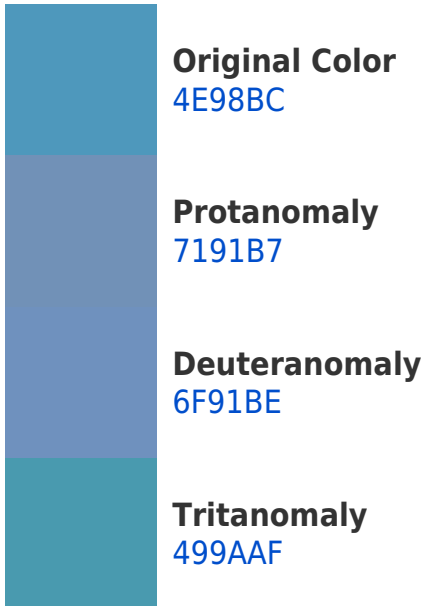
## Dichromacy





**Tritanopia**  
469BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E98BC 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 #4E98BC looks like.

```
.text, #text, p{  
    color:#4E98BC  
}
```

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 #4E98BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E98BC
}
```

## Border

The CSS property to change the border of an element to Hex 4E98BC 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
#4E98BC }
```

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

```
.border{ border-color:#4E98BC }
```

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

Here you see how a box with a 4 pixel #4E98BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E98BC; -webkit-box-shadow:4px 4px  
4px 4px #4E98BC; box-shadow:4px 4px 4px  
4px #4E98BC }
```

# Background

The CSS property to change the background color of an element to Hex 4E98BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E98BC }
```

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

```
.background{ background-color:#4E98BC }
```

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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