

# Converting Colors

Hex(4896B4)

Have a look what the booklet for  
Hex(4896B4) contains.

<b>Hex(4896B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4896B4)

# Conversions

## Conversions Part 1

Format	Color
Hex	4896B4
RGB	72, 150, 180
RGB Percent	28%, 59%, 71%
CMY	0.7176, 0.4118, 0.2941
CMYK	0.60, 0.17, 0.00, 0.29
HSL	197°, 43%, 49%
HSV	197°, 60%, 71%
XYZ	21.8171, 26.4857, 47.1424
YIQ	130.0980, -56.1180, -7.2060

# Conversions

## Conversions Part 2

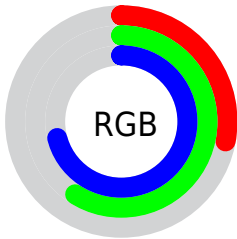
Format	Color
R <sub>Y</sub> B	72, 117, 180
Decimal	4757172
CIE Lab	58.50, -14.96, -22.86
CIE LCh	58, 27.321, 236.805
Yxy	26.4857, 0.2286, 0.2775
Android (android.graphics.Color)	4282947252 (0xFF4896B4)
YUV	130.0980, 24.6017, -50.9519
Hunter-Lab	51.4643, -14.3916, -18.2860

# Details

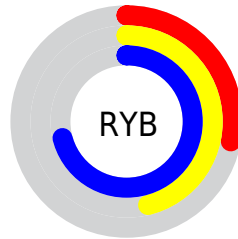
The Hex color **4896B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B46648**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **82CCEC**, and **00637F** is the 20% darker color. If you saturate the color by 10%, you get **3691B4**, and if you desaturate by 10%, it is **5A9BB4**.

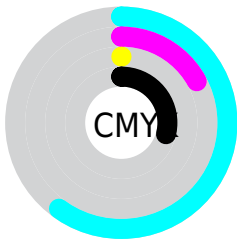
# Distribution



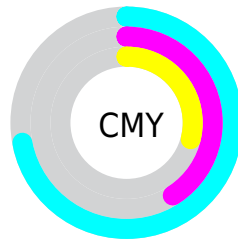
- Red (28%)
- Green (59%)
- Blue (71%)



- Red (28%)
- Yellow (46%)
- Blue (71%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (41%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4896B4 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 4896B4 by changing the saturation by 10% instead.





4896B4



4896B4

FFFFFF



277C99



82CCEC



00637F



9EE8FF



004B66



BBFFFF



00344E



D8FFFF



002037



F6FFFF



000222



000007



000000



4896B4



4896B4

■ 3691B4

■ 5A9BB4

■ 248CB4

■ 6CA0B4

■ 1287B4

■ 7EA5B4

■ 0082B4

■ 90AAB4

■ A2AFB4

■ B4B4B4

■ C6B9B4

■ D8BEB4

■ EAC3B4

# Harmonies

## Analogous

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



3D99A1



4896B4



6990BC

# Triad

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



4896B4



B97B90



879261

# Complementary

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



4896B4



B46648

# 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.



A08A5D



4896B4



BC7C78

# Square

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



4896B4



A97FA7



B38265



6B9772

# Rectangle

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



4896B4



818ABA



B38265



908F5E



# Sweetspot

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



4896B4



C0DFEB



48B465



5B6E75



F5F5F5



757575



# Same Dimension

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



4896B4



42BCEB



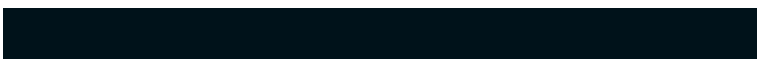
4861B4



505759



006F99



00121A



# Inverse Universe

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



B44896



EB42BC



B49B48



595057



99006F

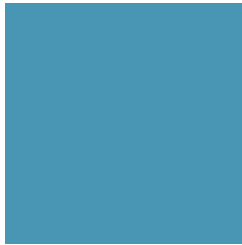


1A0012



# Previews

## White Background



This preview shows how the Hex color 4896B4 looks on a white background.

## Color Contrast Check

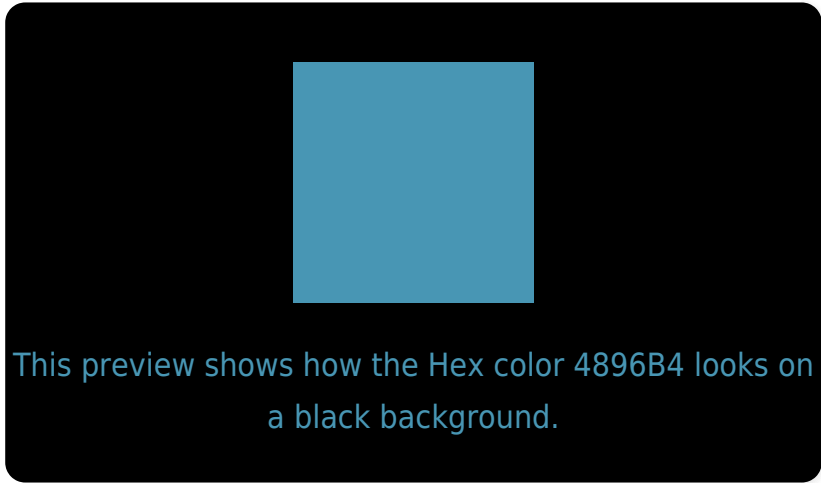
Large Text (above 18pt) WCAG AA ✓ Pass

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

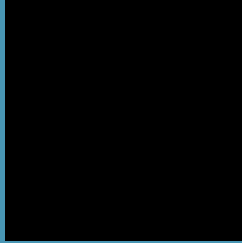
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4896B4 Background



This preview shows how black text looks on a background with the Hex color 4896B4.

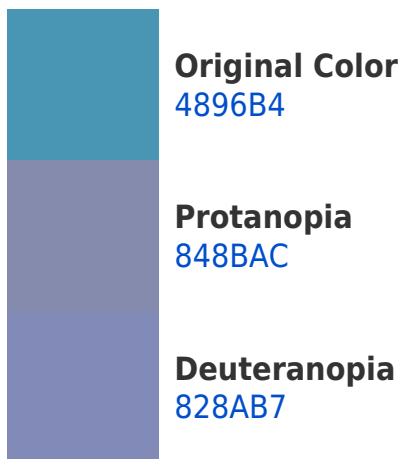


This preview shows how white text looks on a background with the Hex color 4896B4.

# 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](#).

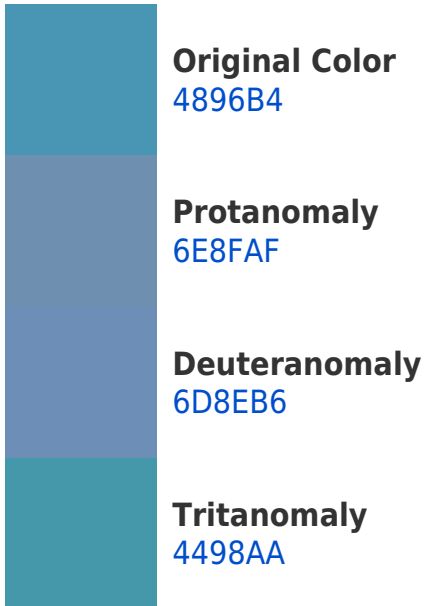
## Dichromacy





**Tritanopia**  
4199A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4896B4 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 #4896B4 looks like.

```
.text, #text, p{  
    color:#4896B4  
}
```

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 #4896B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4896B4
}
```

## Border

The CSS property to change the border of an element to Hex 4896B4 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
#4896B4 }
```

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

```
.border{ border-color:#4896B4 }
```

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

Here you see how a box with a 4 pixel #4896B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4896B4; -webkit-box-shadow:4px 4px  
4px 4px #4896B4; box-shadow:4px 4px 4px  
4px #4896B4 }
```

# Background

The CSS property to change the background color of an element to Hex 4896B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4896B4 }
```

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

```
.background{ background-color:#4896B4 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor