

# Converting Colors

Hex(4883A0)

Have a look what the booklet for  
Hex(4883A0) contains.

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# Color

Hex(4883A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	4883A0
RGB	72, 131, 160
RGB Percent	28%, 51%, 63%
CMY	0.7176, 0.4863, 0.3725
CMYK	0.55, 0.18, 0.00, 0.37
HSL	200°, 38%, 45%
HSV	200°, 55%, 63%
XYZ	17.1339, 20.1484, 36.2437
YIQ	116.6650, -44.4730, -3.4890

# Conversions

## Conversions Part 2

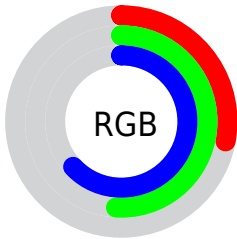
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 107, 160
Decimal	4752288
CIE <sub>Lab</sub>	52.00, -10.67, -21.36
CIE <sub>LCh</sub>	52, 23.876, 243.450
Yxy	20.1484, 0.2330, 0.2740
Android (android.graphics.Color)	4282942368 (0xFF4883A0)
<b>YUV</b>	116.6650, 21.3642, -39.1712
Hunter-Lab	44.8869, -10.4163, -16.4525

# Details

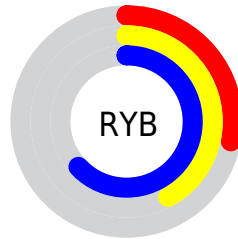
The Hex color **4883A0** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A06548**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7FB8D7**, and **02526C** is the 20% darker color. If you saturate the color by 10%, you get **387EA0**, and if you desaturate by 10%, it is **5888A0**.

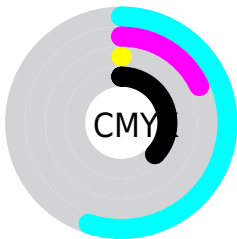
# Distribution



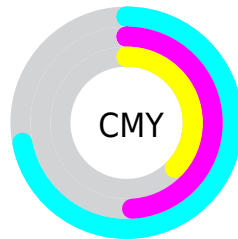
- Red (28%)
- Green (51%)
- Blue (63%)



- Red (28%)
- Yellow (42%)
- Blue (63%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (72%)
- Magenta (49%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4883A0 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 4883A0 by changing the saturation by 10% instead.



■ 4883A0

■ 4883A0

FFFFFF

■ 2B6A86

■ 7FB8D7

■ 02526C

■ 9AD4F3

■ 003B54

■ B7F0FF

■ 00253D

■ D3FFFF

■ 000F27

■ F0FFFF

■ 000111

■ 000000

■ 4883A0

■ 4883A0

■ 387EA0

■ 5888A0

■ 2878A0

■ 688EA0

■ 1873A0

■ 7893A0

■ 086EA0

■ 8898A0

■ 006BA0

■ 989DA0

■ A8A3A0

■ B8A8A0

■ C8ADA0

■ D8B2A0

# Harmonies

## Analogous

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



3A8692



4883A0



657DA4

# Triad

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



4883A0



A46D7A



728259

# Complementary

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



4883A0



A06548

# 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.



887B53



4883A0



A46F66

# Square

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



4883A0



98708F



9A7558



5A8669

# Rectangle

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



4883A0



7978A1



9A7558



7A8056



# Sweetspot

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



4883A0



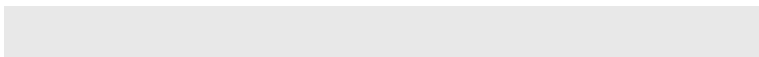
AEC5D1



48A064



546269



E8E8E8



696969



# Same Dimension

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



4883A0



47A4D1



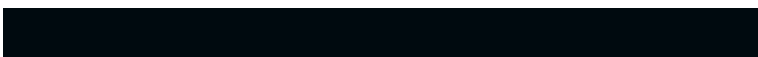
4858A0



474C4F



00608F



000A0F



# Inverse Universe

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



A04883



D147A4



A09048



4F474C



8F0060

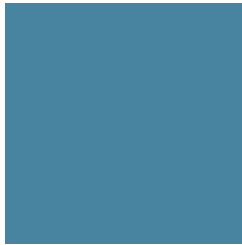


0F000A



# Previews

## White Background



This preview shows how the Hex color 4883A0 looks on a white background.

## Color Contrast Check

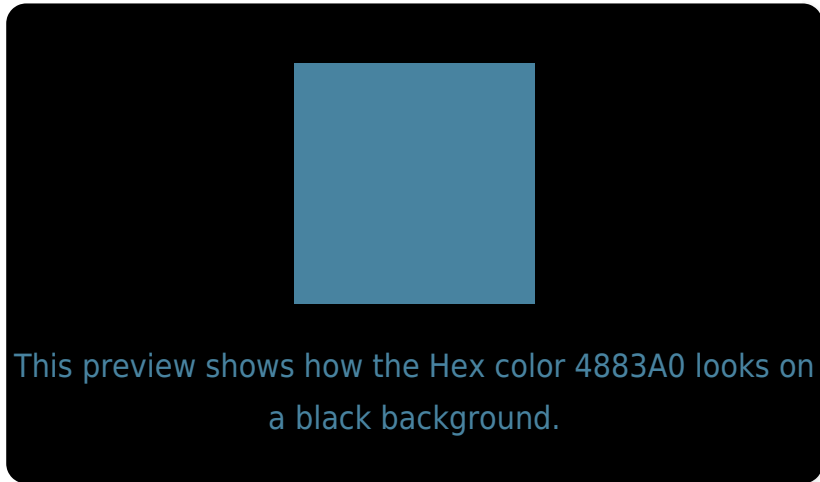
Large Text (above 18pt) WCAG AA ✓ Pass

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

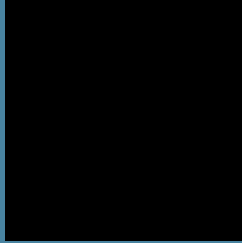
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4883A0 Background



This preview shows how black text looks on a background with the Hex color 4883A0.

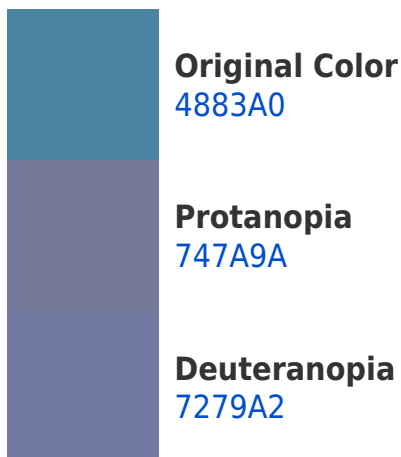



This preview shows how white text looks on a background with the Hex color 4883A0.

# 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](#).

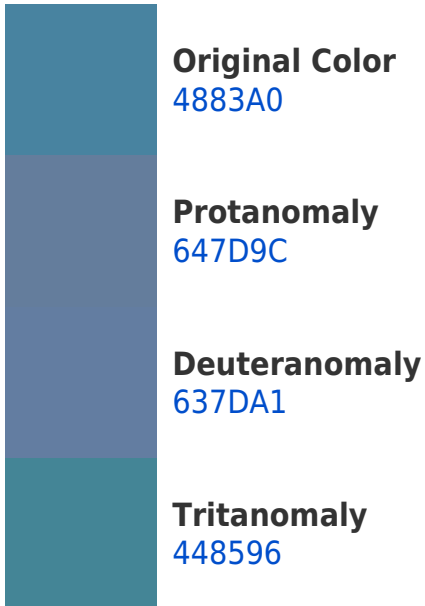
## Dichromacy



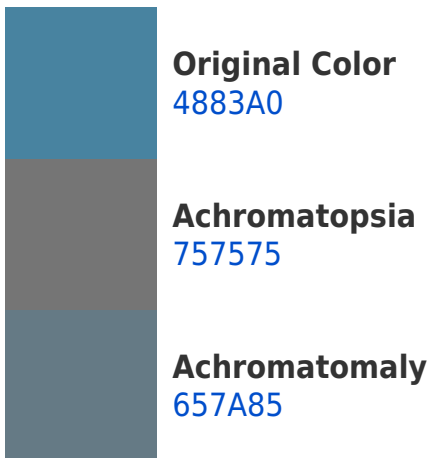


**Tritanopia**  
428691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4883A0 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 #4883A0 looks like.

```
.text, #text, p{  
    color:#4883A0  
}
```

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 #4883A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4883A0
}
```

## Border

The CSS property to change the border of an element to Hex 4883A0 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
#4883A0 }
```

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

```
.border{ border-color:#4883A0 }
```

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

Here you see how a box with a 4 pixel #4883A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4883A0; -webkit-box-shadow:4px 4px  
4px 4px #4883A0; box-shadow:4px 4px 4px  
4px #4883A0 }
```

# Background

The CSS property to change the background color of an element to Hex 4883A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4883A0 }
```

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

```
.background{ background-color:#4883A0 }
```

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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