

# Converting Colors

Hex(4489A3)

Have a look what the booklet for  
Hex(4489A3) contains.

<b>Hex(4489A3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4489A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4489A3
RGB	68, 137, 163
RGB Percent	27%, 54%, 64%
CMY	0.7333, 0.4627, 0.3608
CMYK	0.58, 0.16, 0.00, 0.36
HSL	196°, 41%, 45%
HSV	196°, 58%, 64%
XYZ	17.9404, 21.7646, 37.9058
YIQ	119.3330, -49.4700, -6.5420

# Conversions

## Conversions Part 2

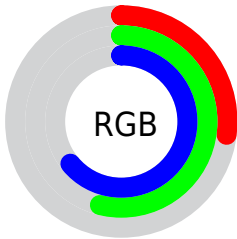
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 108, 163
Decimal	4491683
CIE Lab	53.78, -13.95, -20.39
CIE LCh	54, 24.703, 235.631
Yxy	21.7646, 0.2312, 0.2804
Android (android.graphics.Color)	4282681763 (0xFF4489A3)
YUV	119.3330, 21.5278, -45.0190
Hunter-Lab	46.6526, -12.9991, -15.5170

# Details

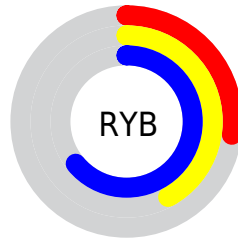
The Hex color **4489A3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A35E44**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7CBEDA**, and **00576F** is the 20% darker color. If you saturate the color by 10%, you get **3485A3**, and if you desaturate by 10%, it is **548DA3**.

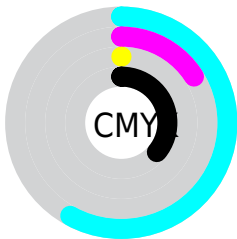
# Distribution



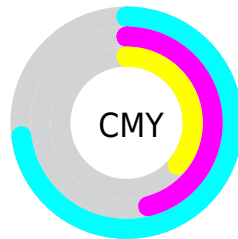
- Red (27%)
- Green (54%)
- Blue (64%)



- Red (27%)
- Yellow (42%)
- Blue (64%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (46%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4489A3 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 4489A3 by changing the saturation by 10% instead.



4489A3

4489A3

FFFFFF

257089

7CBEDA

00576F

98DAF6

004057

B4F7FF

002A3F

D1FFFF

001629

EEFFFF

000114

000000

4489A3

4489A3

3485A3

548DA3

■ 2380A3

■ 6592A3

■ 137CA3

■ 7596A3

■ 0377A3

■ 859BA3

■ 0076A3

■ 969FA3

■ A6A4A3

■ B6A8A3

■ C6ADA3

■ D7B1A3

# Harmonies

## Analogous

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



3C8C92



4489A3



6083AB

# Triad

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



4489A3



A87184



7C855A

# Complementary

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



4489A3



A35E44

# 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.



927E56



4489A3



AB726F

# Square

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



4489A3



997599



A3775E



648A68

# Rectangle

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



4489A3



757FA9



A3775E



848357



# Sweetspot

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



4489A3



B0CAD4



44A35D



56656B



EBEBEB



6B6B6B



# Same Dimension

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



4489A3



3FABD4



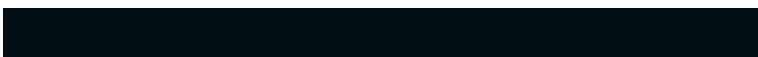
445AA3



494F52



006A91



000D12



# Inverse Universe

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



A34489



D43FAB



A38D44



52494F



91006A



12000D



# Previews

## White Background



This preview shows how the Hex color 4489A3 looks on a white background.

## Color Contrast Check

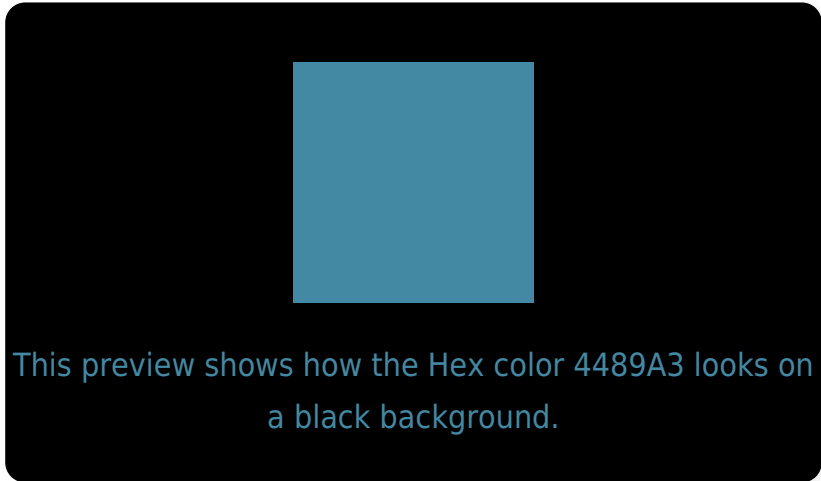
Large Text (above 18pt) WCAG AA ✓ Pass

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

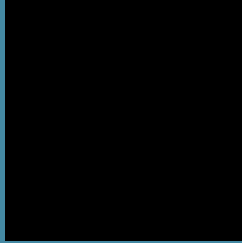
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4489A3 Background



This preview shows how black text looks on a background with the Hex color 4489A3.

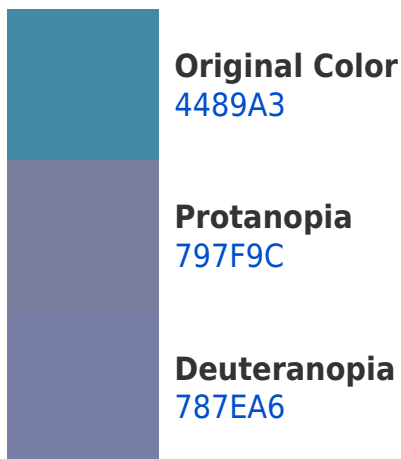


This preview shows how white text looks on a background with the Hex color 4489A3.

# 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](#).

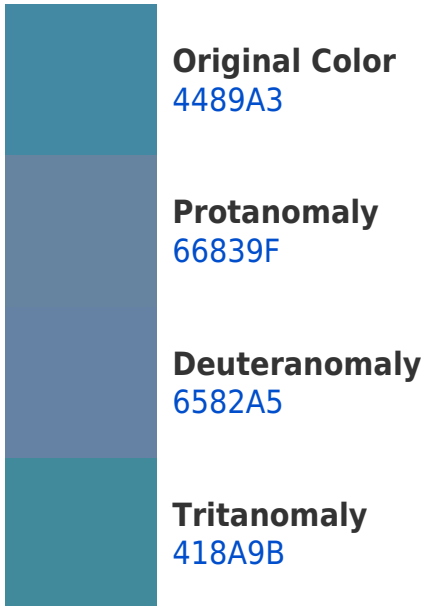
## Dichromacy





**Tritanopia**  
3F8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4489A3 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 #4489A3 looks like.

```
.text, #text, p{  
    color:#4489A3  
}
```

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 #4489A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4489A3
}
```

## Border

The CSS property to change the border of an element to Hex 4489A3 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
#4489A3 }
```

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

```
.border{ border-color:#4489A3 }
```

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

Here you see how a box with a 4 pixel #4489A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4489A3; -webkit-box-shadow:4px 4px  
4px 4px #4489A3; box-shadow:4px 4px 4px  
4px #4489A3 }
```

# Background

The CSS property to change the background color of an element to Hex 4489A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4489A3 }
```

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

```
.background{ background-color:#4489A3 }
```

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