

# Converting Colors

Hex(7599AF)

Have a look what the booklet for  
Hex(7599AF) contains.

<b>Hex(7599AF)</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(7599AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	7599AF
RGB	117, 153, 175
RGB Percent	46%, 60%, 69%
CMY	0.5412, 0.4000, 0.3137
CMYK	0.33, 0.13, 0.00, 0.31
HSL	203°, 27%, 57%
HSV	203°, 33%, 69%
XYZ	26.4652, 29.6595, 44.8874
YIQ	144.7440, -28.5180, -0.7900

# Conversions

## Conversions Part 2

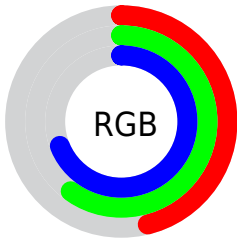
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 139, 175
Decimal	7707055
CIELab	61.36, -6.95, -15.47
CIELCh	61, 16.960, 245.824
Yxy	29.6595, 0.2620, 0.2936
Android (android.graphics.Color)	4285897135 (0xFF7599AF)
YUV	144.7440, 14.9162, -24.3315
Hunter-Lab	54.4606, -8.5635, -10.7456

# Details

The Hex color **7599AF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF8B75**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ABCFE7**, and **42667B** is the 20% darker color. If you saturate the color by 10%, you get **6392AF**, and if you desaturate by 10%, it is **87A0AF**.

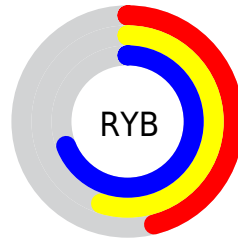
# Distribution



Red (46%)

Green (60%)

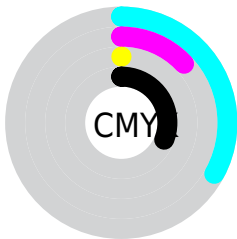
Blue (69%)



Red (46%)

Yellow (55%)

Blue (69%)

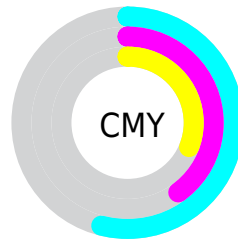


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (40%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7599AF 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 7599AF by changing the saturation by 10% instead.



 7599AF

 7599AF

FFFFFF

 5B7F94

 ABCFE7

 42667B

 C6ECFF

 294E62

 E3FFFF

 0D374A

 002233

 000B1E

 000001

 000000

 7599AF

 7599AF

6392AF

87A0AF

528CAF

98A6AF

4185AF

AAADAF

2F7EAF

BBB4AF

1E78AF

CDBAAF

0C71AF

DEC1AF

006DAF

F0C7AF

FFCEAF

FFD5AF

# Harmonies

## Analogous

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



6C9CA5



7599AF



8794B2

# Triad

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



7599AF



B38A92



8C997C

# Complementary

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



7599AF



AF8B75

# 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.



9D9476



7599AF



B28B83

# Square

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



7599AF



AA8BA1



AB8F79



7B9C87

# Rectangle

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



7599AF



9491AF



AB8F79



929779



# Sweetspot

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



7599AF



CCDAE3



75AF8A



656E73



F2F2F2



737373



# Same Dimension

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



7599AF



88C1E3



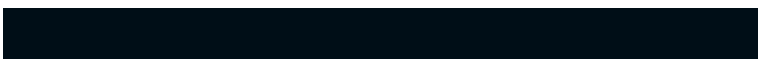
757DAF



4E5357



005D96



000E17



# Inverse Universe

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



AF7599



E388C1



AFA775



574E53



96005D



17000E



# Previews

## White Background



This preview shows how the Hex color 7599AF 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

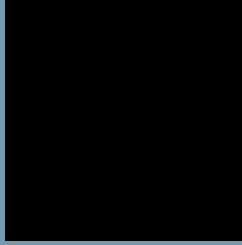
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

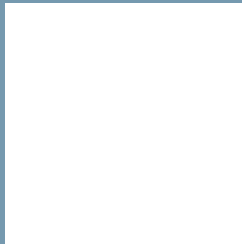
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7599AF Background



This preview shows how black text looks on a background with the Hex color 7599AF.

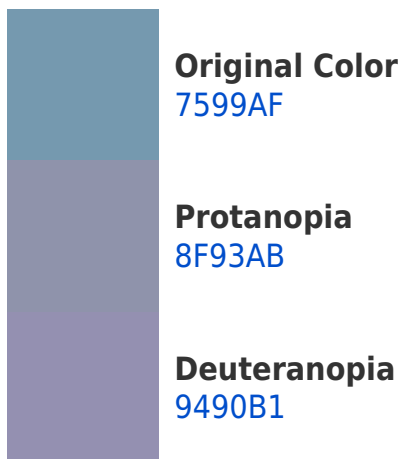


This preview shows how white text looks on a background with the Hex color 7599AF.

# 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](#).

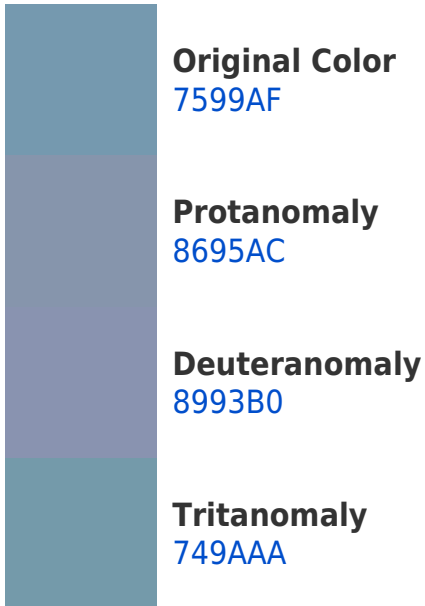
## Dichromacy



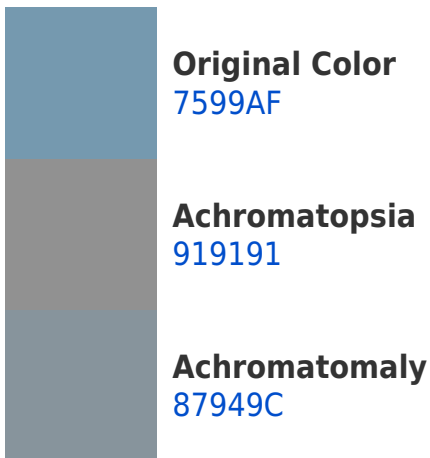


**Tritanopia**  
739AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7599AF 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 #7599AF looks like.

```
.text, #text, p{
  color:#7599AF
}
```

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 #7599AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7599AF
}
```

## Border

The CSS property to change the border of an element to Hex 7599AF 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
#7599AF }
```

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

```
.border{ border-color:#7599AF }
```

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

Here you see how a box with a 4 pixel #7599AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7599AF; -webkit-box-shadow:4px 4px  
4px 4px #7599AF; box-shadow:4px 4px 4px  
4px #7599AF }
```

# Background

The CSS property to change the background color of an element to Hex 7599AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7599AF }
```

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

```
.background{ background-color:#7599AF }
```

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