

# Converting Colors

Hex(7494AF)

Have a look what the booklet for  
Hex(7494AF) contains.

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# Color

Hex(7494AF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7494AF
RGB	116, 148, 175
RGB Percent	45%, 58%, 69%
CMY	0.5451, 0.4196, 0.3137
CMYK	0.34, 0.15, 0.00, 0.31
HSL	207°, 27%, 57%
HSV	207°, 34%, 69%
XYZ	25.5302, 27.9880, 44.6141
YIQ	141.5100, -27.7390, 1.6130

# Conversions

## Conversions Part 2

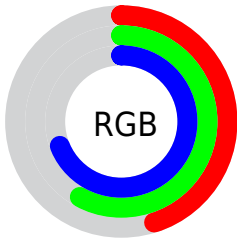
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 137, 175
Decimal	7640239
CIE <sub>Lab</sub>	59.88, -4.45, -17.72
CIE <sub>LCh</sub>	60, 18.275, 255.902
Yxy	27.9880, 0.2602, 0.2852
Android (android.graphics.Color)	4285830319 (0xFF7494AF)
YUV	141.5100, 16.5106, -22.3723
Hunter-Lab	52.9036, -6.4409, -12.9672

# Details

The Hex color **7494AF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AF8F74**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AACAE7**, and **41617A** is the 20% darker color. If you saturate the color by 10%, you get **628CAF**, and if you desaturate by 10%, it is **869CAF**.

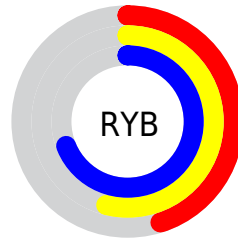
# Distribution



Red (45%)

Green (58%)

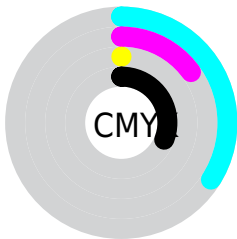
Blue (69%)



Red (45%)

Yellow (54%)

Blue (69%)

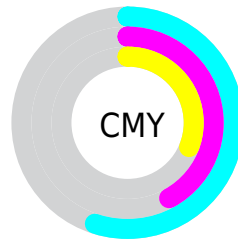


Cyan (34%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (42%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7494AF 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 7494AF by changing the saturation by 10% instead.





7494AF



7494AF

FFFFFF



5A7A94



AACAE7



41617A



C5E6FF



284A62



E2FFFF



0C334A



001E33



00021E



000001



000000



7494AF



7494AF

■ 628CAF

■ 869CAF

■ 5184AF

■ 97A4AF

■ 407CAF

■ A9ACAF

■ 2E74AF

■ BAB4AF

■ 1C6CAF

■ CBBCAF

■ 0B64AF

■ DDC4AF

■ 005FAF

■ EECCAF

■ FFD4AF

■ FFDCAF

# Harmonies

## Analogous

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



6698A7



7494AF



898FAF

# Triad

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



7494AF



B28588



81967A

# Complementary

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



7494AF



AF8F74

# 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.



949271



7494AF



AE887A

# Square

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



7494AF



AC8699



A48D71



709988

# Rectangle

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



7494AF



978BAA



A48D71



879576



# Sweetspot

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



7494AF



CCD9E3



74AF8F



656C73



F2F2F2



737373



# Same Dimension

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



7494AF



88B9E3



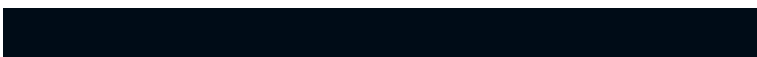
7477AF



4E5357



005296



000C17



# Inverse Universe

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



AF7494



E388B9



AFAC74



574E53



960052

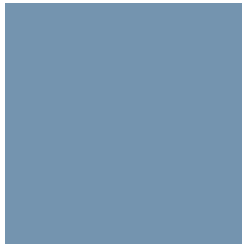


17000C



# Previews

## White Background



This preview shows how the Hex color 7494AF looks on a white background.

## Color Contrast Check

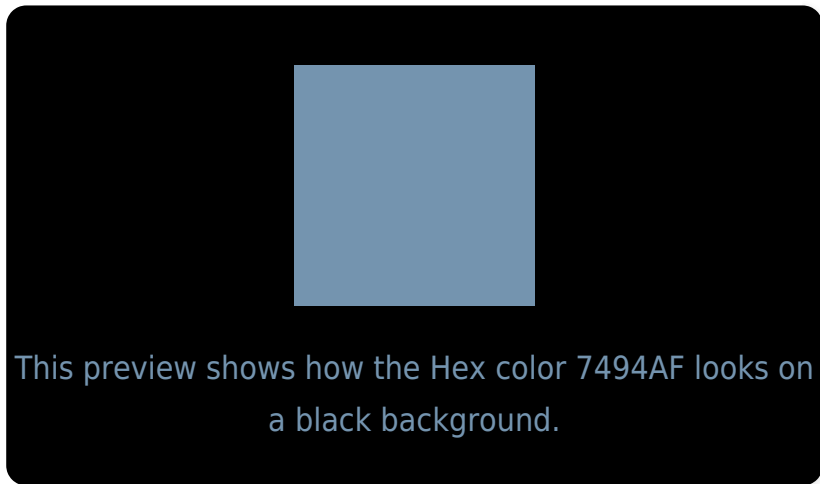
Large Text (above 18pt) WCAG AA ✓ Pass

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

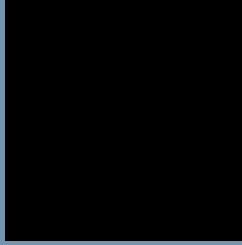
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7494AF Background



This preview shows how black text looks on a background with the Hex color 7494AF.

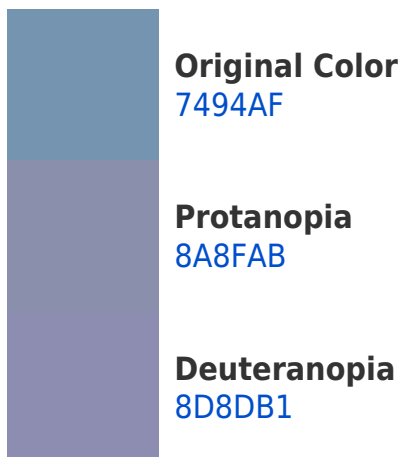


This preview shows how white text looks on a background with the Hex color 7494AF.

# 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](#).

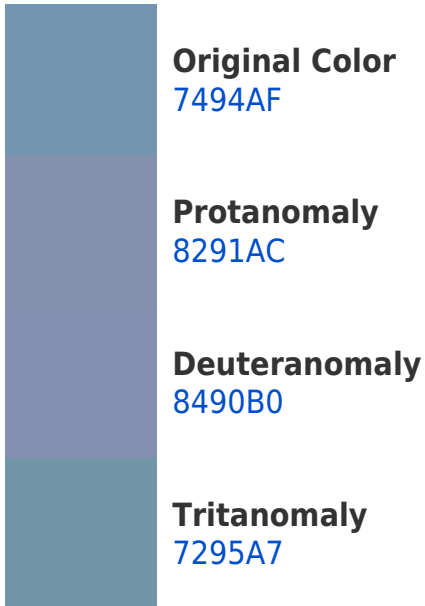
## Dichromacy



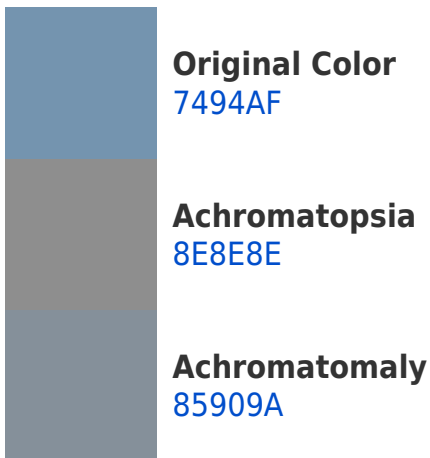


**Tritanopia**  
7196A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7494AF 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 #7494AF looks like.

```
.text, #text, p{  
    color:#7494AF  
}
```

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 #7494AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7494AF
}
```

## Border

The CSS property to change the border of an element to Hex 7494AF 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
#7494AF }
```

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

```
.border{ border-color:#7494AF }
```

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

Here you see how a box with a 4 pixel #7494AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7494AF; -webkit-box-shadow:4px 4px  
4px 4px #7494AF; box-shadow:4px 4px 4px  
4px #7494AF }
```

# Background

The CSS property to change the background color of an element to Hex 7494AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7494AF }
```

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

```
.background{ background-color:#7494AF }
```

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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