

# Converting Colors

Hex(7494A6)

Have a look what the booklet for  
Hex(7494A6) contains.

<b>Hex(7494A6)</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(7494A6)

# Conversions

## Conversions Part 1

Format	Color
Hex	7494A6
RGB	116, 148, 166
RGB Percent	45%, 58%, 65%
CMY	0.5451, 0.4196, 0.3490
CMYK	0.30, 0.11, 0.00, 0.35
HSL	202°, 22%, 55%
HSV	202°, 30%, 65%
XYZ	24.6753, 27.6460, 40.1121
YIQ	140.4840, -24.8500, -1.1860

# Conversions

## Conversions Part 2

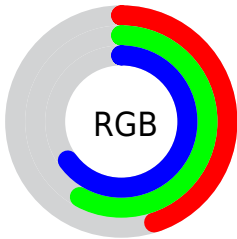
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 136, 166
Decimal	7640230
CIE <sub>Lab</sub>	59.57, -6.76, -13.08
CIE <sub>LCh</sub>	60, 14.726, 242.691
Yxy	27.6460, 0.2670, 0.2991
Android (android.graphics.Color)	4285830310 (0xFF7494A6)
YUV	140.4840, 12.5794, -21.4725
Hunter-Lab	52.5795, -8.2448, -8.4258

# Details

The Hex color **7494A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A68674**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A9CADD**, and **426172** is the 20% darker color. If you saturate the color by 10%, you get **638EA6**, and if you desaturate by 10%, it is **859AA6**.

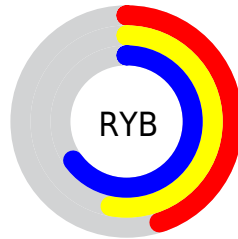
# Distribution



Red (45%)

Green (58%)

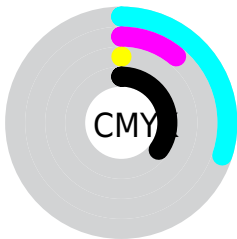
Blue (65%)



Red (45%)

Yellow (53%)

Blue (65%)

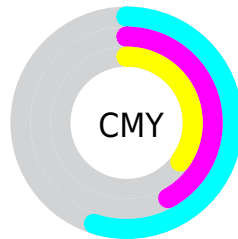


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (42%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7494A6 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 7494A6 by changing the saturation by 10% instead.





7494A6



7494A6

FFFFFF



5B7A8C



A9CADD



426172



C5E6FA



2A4A5A



E1FFFF



103342

FEFFFF



001E2C



000118



000000



7494A6



7494A6



638EA6



859AA6

5388A6

95A0A6

4282A6

A6A6A6

327CA6

B6ACA6

2176A6

C7B2A6

1070A6

D8B8A6

006AA6

E8BEA6

F9C4A6

FFCAA6

# Harmonies

## Analogous

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



6D969D



7494A6



8390A9

# Triad

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



7494A6



AA868F



8A937A

# Complementary

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



7494A6



A68674

# 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.



998F76



7494A6



AA8782

# Square

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



7494A6



A1889C



A48B79



7C9683

# Rectangle

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



7494A6



8E8DA7



A48B79



8F9278



# Sweetspot

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



7494A6



C5D2D9



74A685



62696E



EDEDED



6E6E6E



# Same Dimension

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



7494A6



8BBDD9



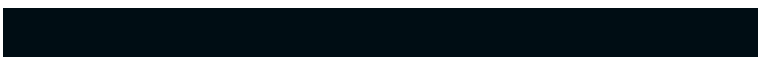
747BA6



4C5154



005F94



000D14



# Inverse Universe

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



A67494



D98BBD



A69E74



544C51



94005F



14000D



# Previews

## White Background



This preview shows how the Hex color 7494A6 looks on a white background.

## Color Contrast Check

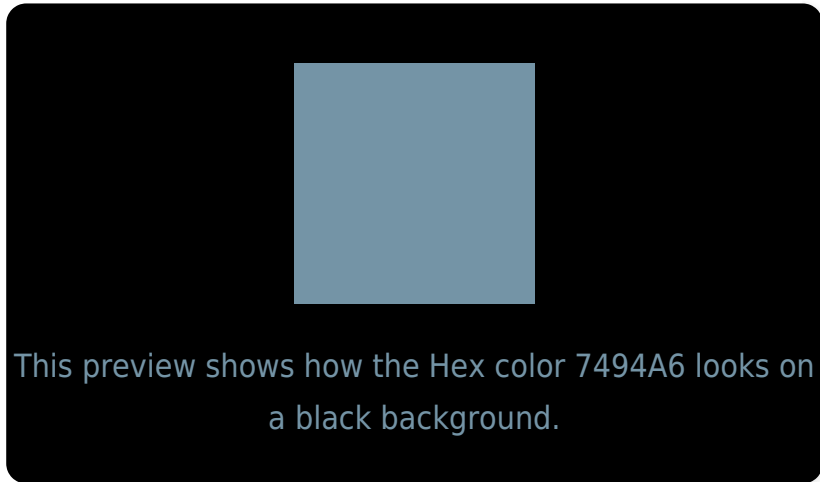
Large Text (above 18pt) WCAG AA ✓ Pass

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

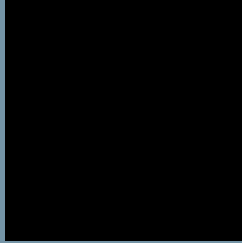
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

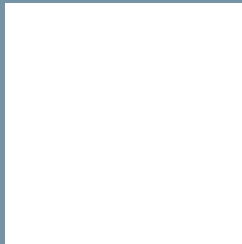
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7494A6 Background



This preview shows how black text looks on a background with the Hex color 7494A6.

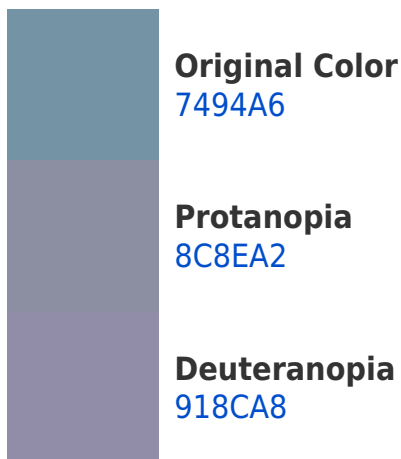


This preview shows how white text looks on a background with the Hex color 7494A6.

# 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](#).

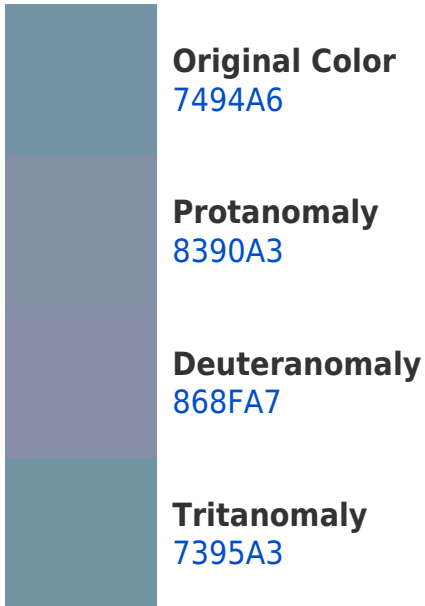
## Dichromacy





**Tritanopia**  
7395A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7494A6 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 #7494A6 looks like.

```
.text, #text, p{  
    color:#7494A6  
}
```

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 #7494A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7494A6
}
```

## Border

The CSS property to change the border of an element to Hex 7494A6 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
#7494A6 }
```

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

```
.border{ border-color:#7494A6 }
```

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

Here you see how a box with a 4 pixel #7494A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7494A6; -webkit-box-shadow:4px 4px  
4px 4px #7494A6; box-shadow:4px 4px 4px  
4px #7494A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7494A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7494A6 }
```

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

```
.background{ background-color:#7494A6 }
```

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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