

# Converting Colors

Hex(6497A0)

Have a look what the booklet for  
Hex(6497A0) contains.

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# Color

Hex(6497A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	6497A0
RGB	100, 151, 160
RGB Percent	39%, 59%, 63%
CMY	0.6078, 0.4078, 0.3725
CMYK	0.38, 0.06, 0.00, 0.37
HSL	189°, 24%, 51%
HSV	189°, 38%, 63%
XYZ	22.6673, 27.3806, 37.3480
YIQ	136.7770, -33.2850, -8.0130

# Conversions

## Conversions Part 2

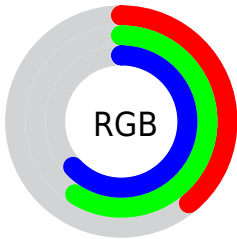
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 128, 160
Decimal	6592416
CIELab	59.32, -14.61, -10.13
CIElCh	59, 17.778, 214.741
Yxy	27.3806, 0.2594, 0.3133
Android (android.graphics.Color)	4284782496 (0xFF6497A0)
YUV	136.7770, 11.4489, -32.2534
Hunter-Lab	52.3265, -14.2470, -5.6897

# Details

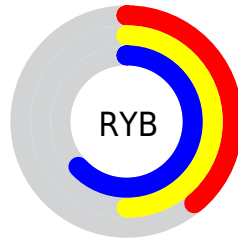
The Hex color **6497A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06D64**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **99CDD7**, and **30646D** is the 20% darker color. If you saturate the color by 10%, you get **5495A0**, and if you desaturate by 10%, it is **7499A0**.

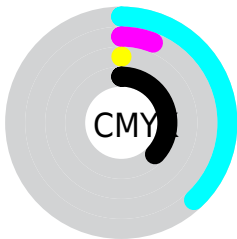
# Distribution



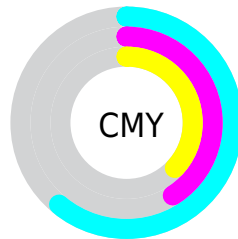
- Red (39%)
- Green (59%)
- Blue (63%)



- Red (39%)
- Yellow (50%)
- Blue (63%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (61%)
- Magenta (41%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6497A0 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 6497A0 by changing the saturation by 10% instead.



6497A0

6497A0

FFFFFF

4A7D86

99CDD7

30646D

B5EAF3

144C54

D1FFFF

00353D

EEFFFF

002027

000113

000000

6497A0

6497A0

5495A0

7499A0

4492A0

849CA0

3490A0

949EA0

248DA0

A4A1A0

148BA0

B4A3A0

0489A0

C4A5A0

0088A0

D4A8A0

E4AAA0

F4ADA0

# Harmonies

## Analogous

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



689891



6497A0



6D94AB

# Triad

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



6497A0



A5869C



988F70

# Complementary

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



6497A0



A06D64

# 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.



A68973



6497A0



AE848D

# Square

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



6497A0



958AA8



AE857E



879375

# Rectangle

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



6497A0



7991AE



AE857E



9D8D70



# Sweetspot

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



6497A0



BACED1



64A06D



5B6769



E8E8E8



696969



# Same Dimension

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



6497A0



73C3D1



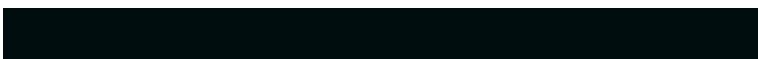
6479A0



474E4F



00798F



000D0F



# Inverse Universe

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



A06497



D173C3



A08B64



4F474E



8F0079



0F000D



# Previews

## White Background



This preview shows how the Hex color 6497A0 looks on a white background.

## Color Contrast Check

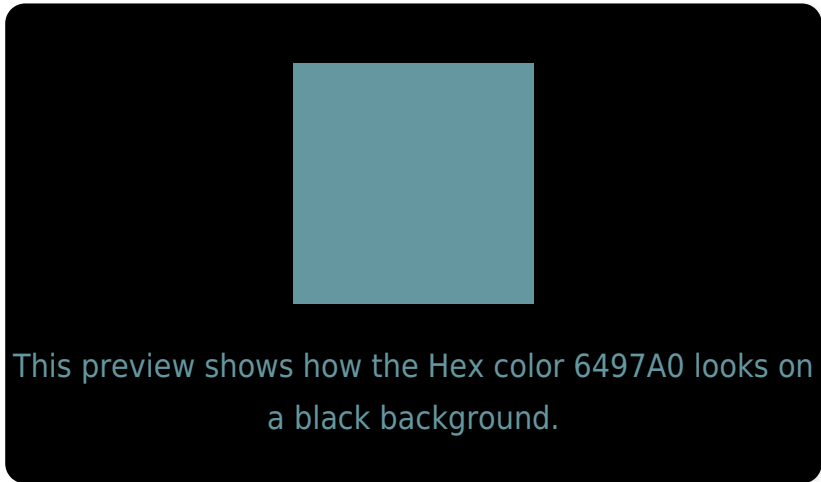
Large Text (above 18pt) WCAG AA ✓ Pass

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

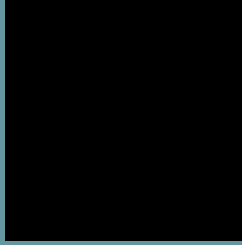
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6497A0 Background



This preview shows how black text looks on a background with the Hex color 6497A0.

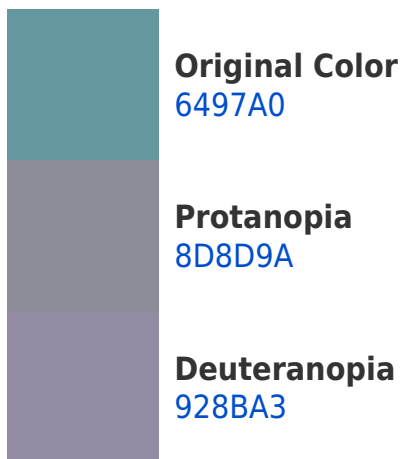


This preview shows how white text looks on a background with the Hex color 6497A0.

# 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](#).

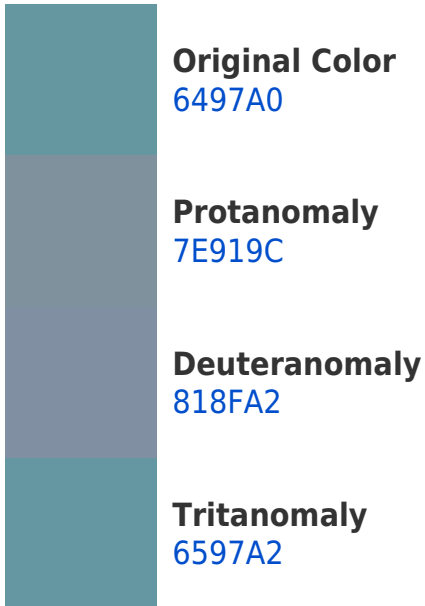
## Dichromacy



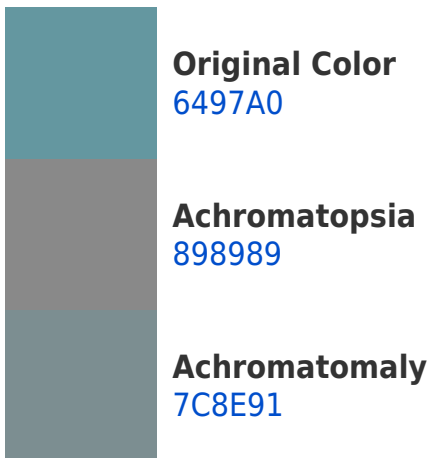


**Tritanopia**  
6597A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6497A0 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 #6497A0 looks like.

```
.text, #text, p{  
    color:#6497A0  
}
```

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 #6497A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6497A0
}
```

## Border

The CSS property to change the border of an element to Hex 6497A0 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
#6497A0 }
```

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

```
.border{ border-color:#6497A0 }
```

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

Here you see how a box with a 4 pixel #6497A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6497A0; -webkit-box-shadow:4px 4px  
4px 4px #6497A0; box-shadow:4px 4px 4px  
4px #6497A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6497A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6497A0 }
```

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

```
.background{ background-color:#6497A0 }
```

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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