

# Converting Colors

Hex(4A7498)

Have a look what the booklet for  
Hex(4A7498) contains.

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# Color

Hex(4A7498)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 4A7498                     |
| RGB           | 74, 116, 152               |
| RGB Percent   | 29%, 45%, 60%              |
| CMY           | 0.7098, 0.5451, 0.4039     |
| CMYK          | 0.51, 0.24, 0.00, 0.40     |
| HSL           | 208°, 35%, 44%             |
| HSV           | 208°, 51%, 60%             |
| XYZ           | 14.7369, 16.2136, 32.0586  |
| YIQ           | 107.5460, -36.5880, 2.2920 |

# Conversions

## Conversions Part 2

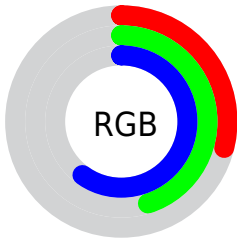
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 74, 101, 152                   |
| Decimal                             | 4879512                        |
| CIE Lab                             | 47.25, -4.03, -24.00           |
| CIE LCh                             | 47, 24.332, 260.461            |
| Yxy                                 | 16.2136, 0.2339,<br>0.2573     |
| Android<br>(android.graphics.Color) | 4283069592<br>(0xFF4A7498)     |
| YUV                                 | 107.5460, 21.9158,<br>-29.4198 |
| Hunter-Lab                          | 40.2661, -5.1369,<br>-19.0185  |

# Details

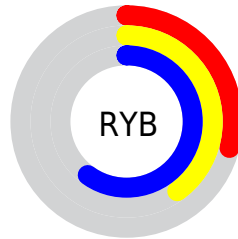
The Hex color **4A7498** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **986E4A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7FA8CE**, and **0F4465** is the 20% darker color. If you saturate the color by 10%, you get **3B6D98**, and if you desaturate by 10%, it is **597B98**.

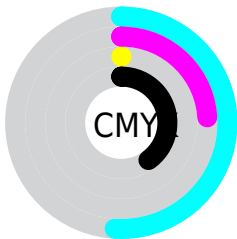
# Distribution



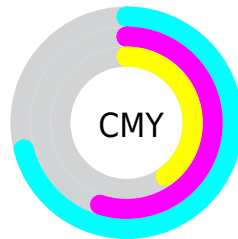
- Red (29%)
- Green (45%)
- Blue (60%)



- Red (29%)
- Yellow (40%)
- Blue (60%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7498 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 4A7498 by changing the saturation by 10% instead.





4A7498



4A7498

FFFFFF



2F5B7E



7FA8CE



0F4465



9BC3EB



002E4D



B6DFFF



001A36



D3FCFF



000220



F0FFFF



000005



000000



4A7498



4A7498



3B6D98



597B98

■ 2C6698

■ 688298

■ 1C5F98

■ 788998

■ 0D5898

■ 879098

■ 005298

■ 969798

■ A59E98

■ B4A598

■ C4AC98

■ D3B398

# Harmonies

## Analogous

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



2F798F



4A7498



6A6D96

# Triad

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



4A7498



996163



587855

# Complementary

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



4A7498



986E4A

# 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.



707349



4A7498



936651

# Square

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



4A7498



946177



846D48



407B69

# Rectangle

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



4A7498



7C688F



846D48



607750



# Sweetspot

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



4A7498



A7B7C4



4A986D



525B63



E3E3E3



636363



# Same Dimension

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



4A7498



4B8CC4



4A4E98



45494D



004C8C



00070D



# Inverse Universe

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



984A74



C44B8C



98944A



4D4549



8C004C



0D0007



# Previews

## White Background



This preview shows how the Hex color 4A7498 looks on a white background.

## Color Contrast Check

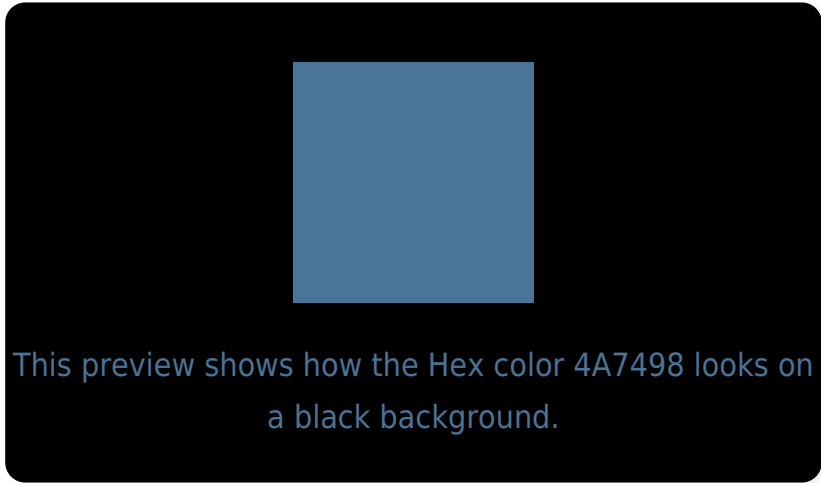
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

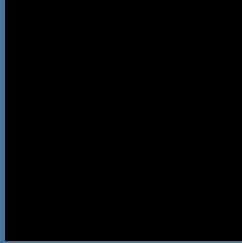
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

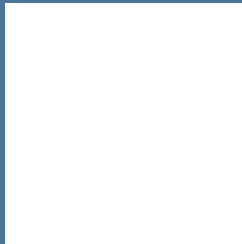
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A7498 Background



This preview shows how black text looks on a background with the Hex color 4A7498.



This preview shows how white text looks on a background with the Hex color 4A7498.

# 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](#).

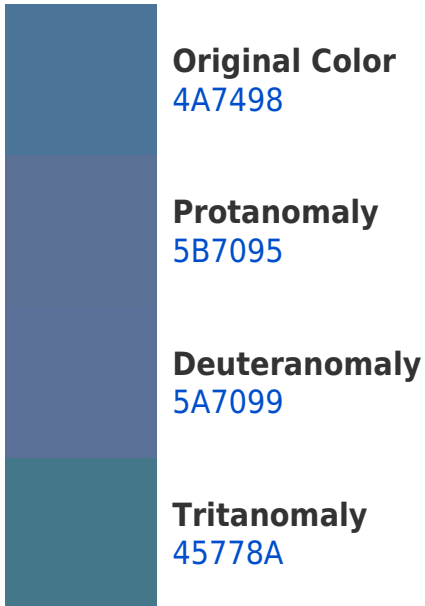
## Dichromacy





**Tritanopia**  
427882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7498 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 #4A7498 looks like.

```
.text, #text, p{  
    color:#4A7498  
}
```

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 #4A7498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7498  
}
```

## Border

The CSS property to change the border of an element to Hex 4A7498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

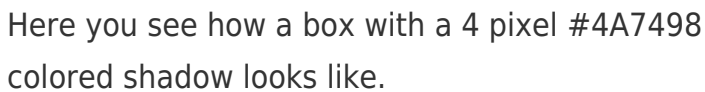
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A7498 }
```

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

```
.border{ border-color:#4A7498 }
```

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



Here you see how a box with a 4 pixel #4A7498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7498; -webkit-box-shadow:4px 4px  
4px 4px #4A7498; box-shadow:4px 4px 4px  
4px #4A7498 }
```

# Background

The CSS property to change the background color of an element to Hex 4A7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7498 }
```

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

```
.background{ background-color:#4A7498 }
```

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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