

Converting Colors

Hex(4A7C94)

Have a look what the booklet for
Hex(4A7C94) contains.

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Color

Hex(4A7C94)

Conversions

Conversions Part 1

Format	Color
Hex	4A7C94
RGB	74, 124, 148
RGB Percent	29%, 49%, 58%
CMY	0.7098, 0.5137, 0.4196
CMYK	0.50, 0.16, 0.00, 0.42
HSL	199°, 33%, 44%
HSV	199°, 50%, 58%
XYZ	15.3770, 18.0093, 30.6827
YIQ	111.7860, -37.5040, -3.1360

Conversions

Conversions Part 2

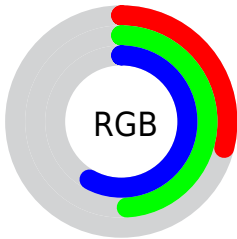
Format	Color
R_{YB}	74, 104, 148
Decimal	4881556
CIE _{Lab}	49.51, -9.91, -18.18
CIE _{LCh}	50, 20.705, 241.395
Yxy	18.0093, 0.2400, 0.2811
Android (android.graphics.Color)	4283071636 (0xFF4A7C94)
YUV	111.7860, 17.8535, -33.1383
Hunter-Lab	42.4373, -9.5866, -13.1612

Details

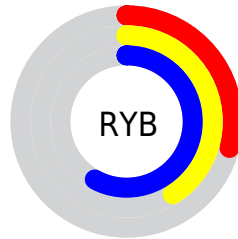
The Hex color **4A7C94** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94624A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FB1CA**, and **104B61** is the 20% darker color. If you saturate the color by 10%, you get **3B7794**, and if you desaturate by 10%, it is **598194**.

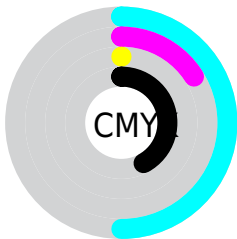
Distribution



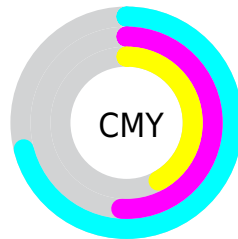
- Red (29%)
- Green (49%)
- Blue (58%)



- Red (29%)
- Yellow (41%)
- Blue (58%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7C94 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 4A7C94 by changing the saturation by 10% instead.

■ 4A7C94

■ 4A7C94

FFFFFF

■ 2F637A

■ 7FB1CA

■ 104B61

■ 9ACCE6

■ 003549

■ B6E8FF

■ 001F33

■ D3FFFF

■ 00021E

■ F0FFFF

■ 000000

■ 4A7C94

■ 4A7C94

■ 3B7794

■ 598194

■ 2C7294

■ 688694

1E6E94

768A94

0F6994

858F94

006494

949494

A39994

B29E94

C0A294

CFA794

Harmonies

Analogous

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



407F87



4A7C94



617798

Triad

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



4A7C94



986976



6F7A57

Complementary

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



4A7C94



94624A

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.



827553



4A7C94



996A64

Square

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



4A7C94



8D6B87



906F57



5A7E64

Rectangle

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



4A7C94



727396



906F57



757955

Sweetspot

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



4A7C94



A3B6BF



4A9461



4F5B61



E0E0E0



616161

Same Dimension

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



4A7C94



4D9ABF



4A5894



43484A



005D8A



00070A

Inverse Universe

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



944A7C



BF4D9A



94864A



4A4348



8A005D



0A0007

Previews

White Background



This preview shows how the Hex color 4A7C94 looks on a white background.

Color Contrast Check

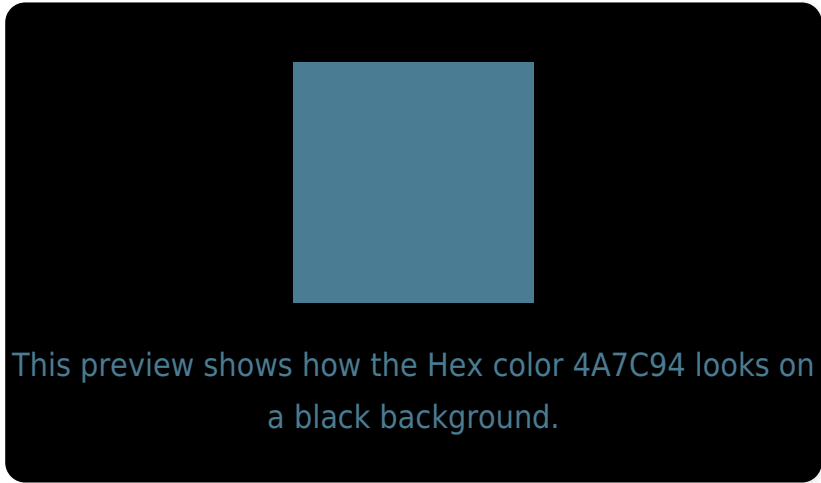
Large Text (above 18pt) WCAG AA ✓ Pass

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

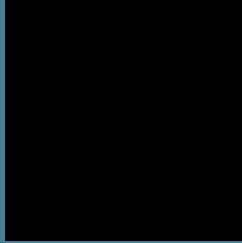
Any Text WCAG AA ✓ Pass

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 4A7C94 Background



This preview shows how black text looks on a background with the Hex color 4A7C94.



This preview shows how white text looks on a background with the Hex color 4A7C94.

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



Original Color
4A7C94

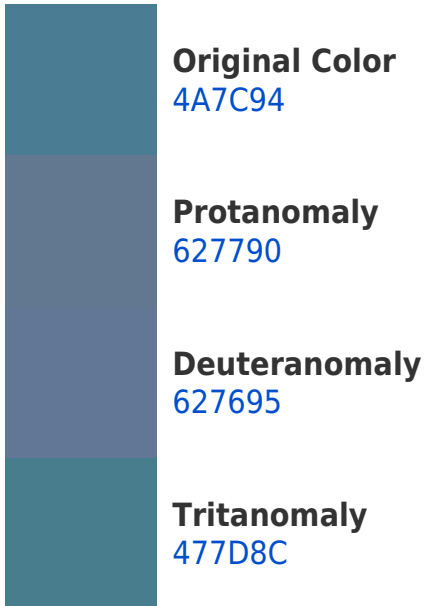
Protanopia
6F748E

Deuteranopia
6F7396

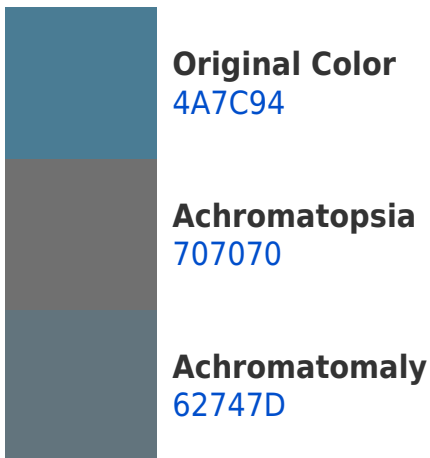


Tritanopia
467E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7C94 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 #4A7C94 looks like.

```
.text, #text, p{  
    color:#4A7C94  
}
```

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 #4A7C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7C94
}
```

Border

The CSS property to change the border of an element to Hex 4A7C94 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
#4A7C94 }
```

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

```
.border{ border-color:#4A7C94 }
```

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

Here you see how a box with a 4 pixel #4A7C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7C94; -webkit-box-shadow:4px 4px  
4px 4px #4A7C94; box-shadow:4px 4px 4px  
4px #4A7C94 }
```

Background

The CSS property to change the background color of an element to Hex 4A7C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7C94 }
```

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

```
.background{ background-color:#4A7C94 }
```

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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