

Converting Colors

Hex(4A7F93)

Have a look what the booklet for
Hex(4A7F93) contains.

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Color

Hex(4A7F93)

Conversions

Conversions Part 1

Format	Color
Hex	4A7F93
RGB	74, 127, 147
RGB Percent	29%, 50%, 58%
CMY	0.7098, 0.5020, 0.4235
CMYK	0.50, 0.14, 0.00, 0.42
HSL	196°, 33%, 43%
HSV	196°, 50%, 58%
XYZ	15.6799, 18.7412, 30.3948
YIQ	113.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

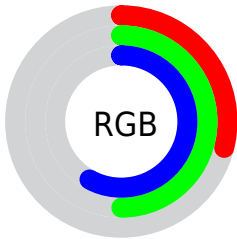
Format	Color
RYB	74, 105, 147
Decimal	4882323
CIELab	50.38, -11.91, -16.26
CIElCh	50, 20.153, 233.773
Yxy	18.7412, 0.2419, 0.2891
Android (android.graphics.Color)	4283072403 (0xFF4A7F93)
YUV	113.4330, 16.5485, -34.5827
Hunter-Lab	43.2911, -11.1073, -11.3239

Details

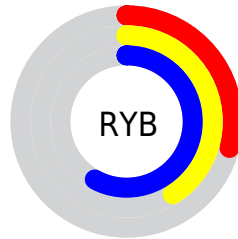
The Hex color **4A7F93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **935E4A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7FB4C9**, and **104E60** is the 20% darker color. If you saturate the color by 10%, you get **3B7B93**, and if you desaturate by 10%, it is **598393**.

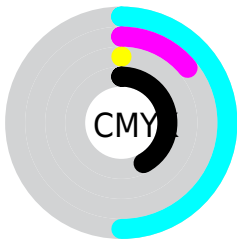
Distribution



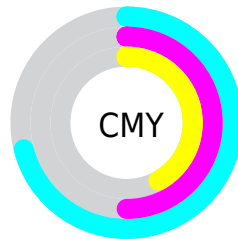
- Red (29%)
- Green (50%)
- Blue (58%)



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



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7F93 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 4A7F93 by changing the saturation by 10% instead.

■ 4A7F93

■ 4A7F93

FFFFFF

■ 2F6679

■ 7FB4C9

■ 104E60

■ 9ACFE5

■ 003749

■ B6ECFF

■ 002232

■ D3FFFF

■ 00041D

■ F0FFFF

■ 000000

■ 4A7F93

■ 4A7F93

■ 3B7B93

■ 598393

■ 2D7793

■ 678793

■ 1E7393

■ 768B93

■ 0F6F93

■ 858F93

■ 016B93

■ 949393

■ 006B93

■ A29793

■ B19B93

■ C09F93

■ CEA393

Harmonies

Analogous

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



458185



4A7F93



5E7B9A

Triad

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



4A7F93



976C7C



767B58

Complementary

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



4A7F93



935E4A

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.



887656



4A7F93



9B6C6B

Square

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



4A7F93



8B6F8C



95705D



627F63

Rectangle

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



4A7F93



6E7799



95705D



7C7956

Sweetspot

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



4A7F93



A3B7BF



4A935D



4F5C61



E0E0E0



616161

Same Dimension

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



4A7F93



4DA0BF



4A5B93



43484A



00648A



00070A

Inverse Universe

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



934A7F



BF4DA0



93824A



4A4348



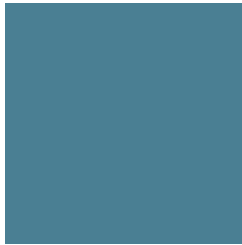
8A0064



0A0007

Previews

White Background



This preview shows how the Hex color 4A7F93 looks on a white background.

Color Contrast Check

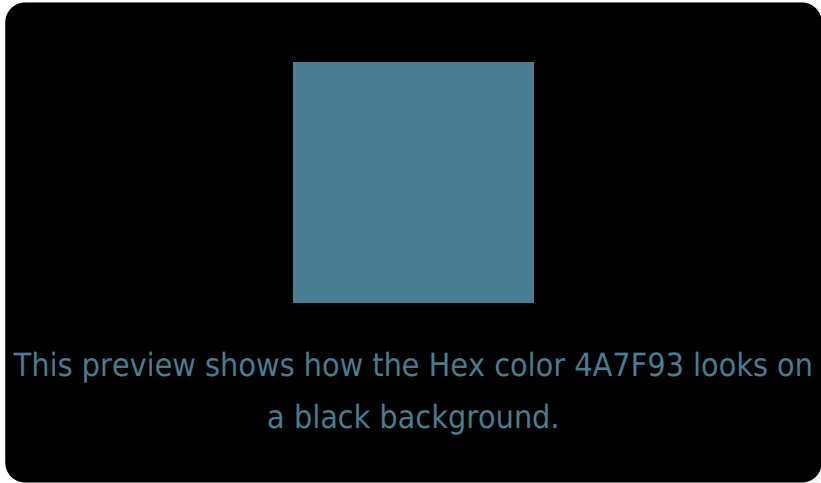
Large Text (above 18pt) WCAG AA ✓ Pass

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

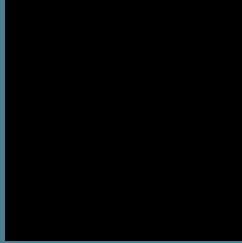
Any Text WCAG AA ✓ Pass

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 4A7F93 Background



This preview shows how black text looks on a background with the Hex color 4A7F93.

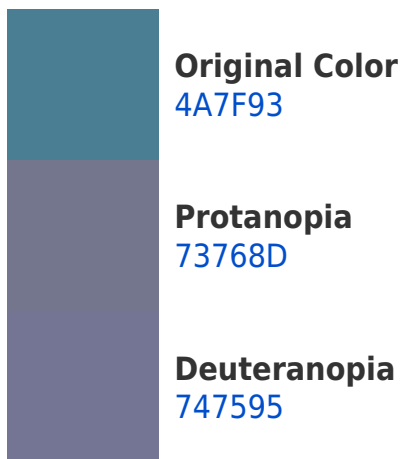


This preview shows how white text looks on a background with the Hex color 4A7F93.

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](#).

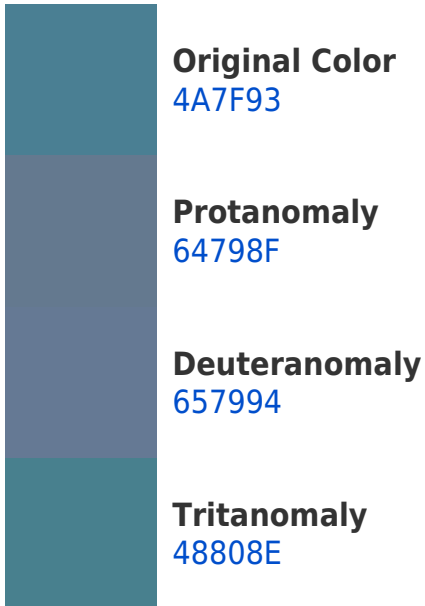
Dichromacy





Tritanopia
47808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7F93 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 #4A7F93 looks like.

```
.text, #text, p{  
    color:#4A7F93  
}
```

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 #4A7F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7F93  
}
```

Border

The CSS property to change the border of an element to Hex 4A7F93 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  
#4A7F93 }
```

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

```
.border{ border-color:#4A7F93 }
```

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

Here you see how a box with a 4 pixel #4A7F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7F93; -webkit-box-shadow:4px 4px  
4px 4px #4A7F93; box-shadow:4px 4px 4px  
4px #4A7F93 }
```

Background

The CSS property to change the background color of an element to Hex 4A7F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7F93 }
```

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

```
.background{ background-color:#4A7F93 }
```

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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