

Converting Colors

Hex(4A7D90)

Have a look what the booklet for
Hex(4A7D90) contains.

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Color

Hex(4A7D90)

Conversions

Conversions Part 1

Format	Color
Hex	4A7D90
RGB	74, 125, 144
RGB Percent	29%, 49%, 56%
CMY	0.7098, 0.5098, 0.4353
CMYK	0.49, 0.13, 0.00, 0.44
HSL	196°, 32%, 43%
HSV	196°, 49%, 56%
XYZ	15.1917, 18.1367, 29.0856
YIQ	111.9170, -36.4950, -4.9030

Conversions

Conversions Part 2

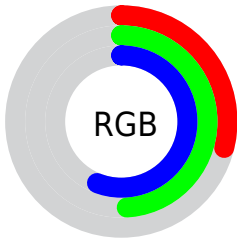
Format	Color
RYB	74, 104, 144
Decimal	4881808
CIELab	49.66, -11.68, -15.60
CIElCh	50, 19.483, 233.180
Yxy	18.1367, 0.2434, 0.2906
Android (android.graphics.Color)	4283071888 (0xFF4A7D90)
YUV	111.9170, 15.8169, -33.2532
Hunter-Lab	42.5872, -10.8531, -10.6820

Details

The Hex color **4A7D90** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **905D4A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FB2C6**, and **114C5E** is the 20% darker color. If you saturate the color by 10%, you get **3C7990**, and if you desaturate by 10%, it is **588190**.

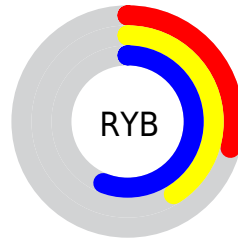
Distribution



Red (29%)

Green (49%)

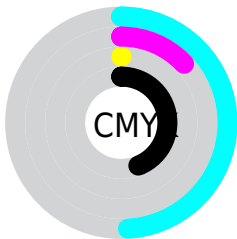
Blue (56%)



Red (29%)

Yellow (41%)

Blue (56%)

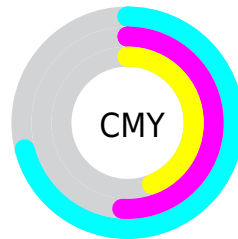


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7D90 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 4A7D90 by changing the saturation by 10% instead.

■ 4A7D90

■ 4A7D90

FFFFFF

■ 2F6476

■ 7FB2C6

■ 114C5E

■ 9ACDE2

■ 003546

■ B6E9FF

■ 002030

■ D2FFFF

■ 00011B

■ EFFFFFF

■ 000000

■ 4A7D90

■ 4A7D90

■ 3C7990

■ 588190

■ 2D7590

■ 678590

■ 1F7190

■ 758990

■ 106D90

■ 848D90

■ 026990

■ 929190

■ 006990

■ A09490

■ AF9890

■ BD9C90

■ CCA090

Harmonies

Analogous

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



467F82



4A7D90



5C7997

Triad

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



4A7D90



946A7B



757957

Complementary

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



4A7D90



905D4A

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.



867455



4A7D90



986B6A

Square

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



4A7D90



886E8A



926E5C



627D62

Rectangle

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



4A7D90



6C7596



926E5C



7B7756

Sweetspot

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



4A7D90



9EB3BA



4A905D



4D5A5E



DEDEDE



5E5E5E

Same Dimension

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



4A7D90



4E9DBA



4A5A90



404547



006287



000608

Inverse Universe

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



904A7D



BA4E9D



90804A



474045



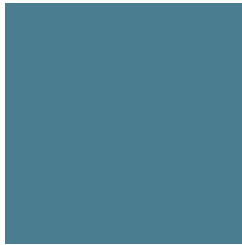
870062



080006

Previews

White Background



This preview shows how the Hex color 4A7D90 looks on a white background.

Color Contrast Check

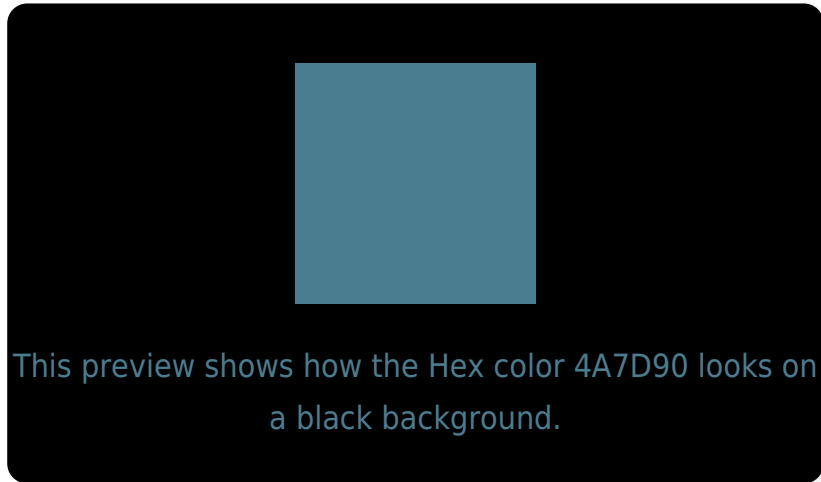
Large Text (above 18pt) WCAG AA ✓ Pass

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

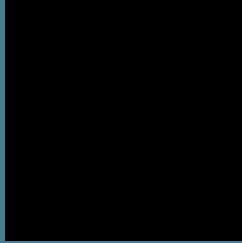
Any Text WCAG AA ✓ Pass

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 4A7D90 Background



This preview shows how black text looks on a background with the Hex color 4A7D90.

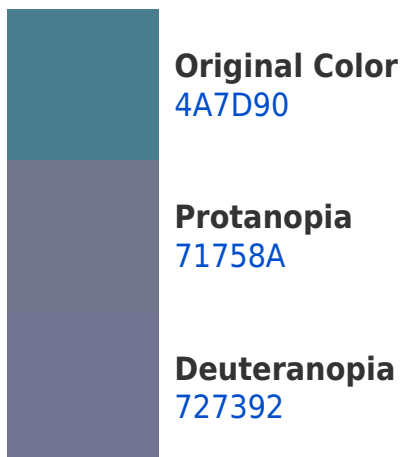


This preview shows how white text looks on a background with the Hex color 4A7D90.

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](#).

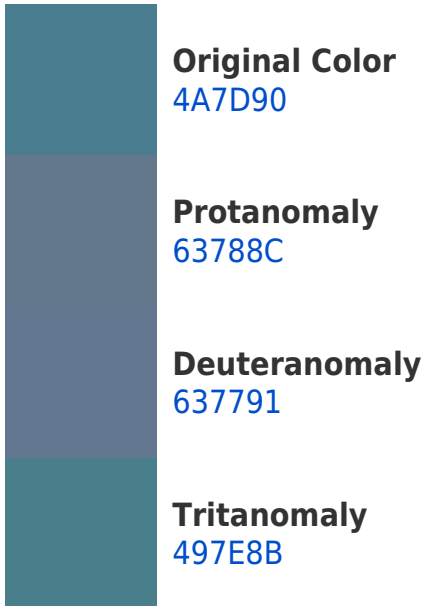
Dichromacy





Tritanopia
487E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7D90 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 #4A7D90 looks like.

```
.text, #text, p{  
    color:#4A7D90  
}
```

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 #4A7D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7D90
}
```

Border

The CSS property to change the border of an element to Hex 4A7D90 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
#4A7D90 }
```

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

```
.border{ border-color:#4A7D90 }
```

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

Here you see how a box with a 4 pixel #4A7D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7D90; -webkit-box-shadow:4px 4px  
4px 4px #4A7D90; box-shadow:4px 4px 4px  
4px #4A7D90 }
```

Background

The CSS property to change the background color of an element to Hex 4A7D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7D90 }
```

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

```
.background{ background-color:#4A7D90 }
```

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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