

# Converting Colors

Hex(4A81A7)

Have a look what the booklet for  
Hex(4A81A7) contains.

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# Color

Hex(4A81A7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A81A7
RGB	74, 129, 167
RGB Percent	29%, 51%, 65%
CMY	0.7098, 0.4941, 0.3451
CMYK	0.56, 0.23, 0.00, 0.35
HSL	205°, 39%, 47%
HSV	205°, 56%, 65%
XYZ	17.6493, 19.9464, 39.4790
YIQ	116.8870, -44.9780, 0.1580

# Conversions

## Conversions Part 2

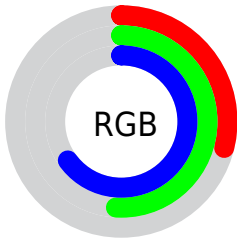
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 109, 167
Decimal	4882855
CIE <sub>Lab</sub>	51.78, -6.89, -25.76
CIE <sub>LCh</sub>	52, 26.663, 255.035
Yxy	19.9464, 0.2290, 0.2588
Android (android.graphics.Color)	4283072935 (0xFF4A81A7)
YUV	116.8870, 24.7057, -37.6119
Hunter-Lab	44.6614, -7.6175, -21.1473

# Details

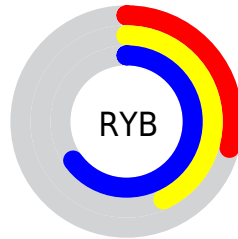
The Hex color **4A81A7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A7704A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **81B6DE**, and **045073** is the 20% darker color. If you saturate the color by 10%, you get **397AA7**, and if you desaturate by 10%, it is **5B88A7**.

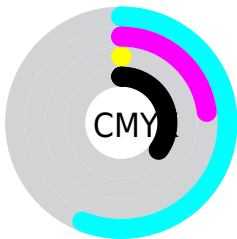
# Distribution



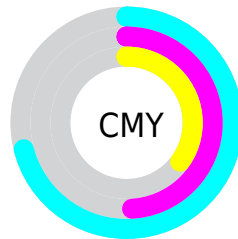
- Red (29%)
- Green (51%)
- Blue (65%)



- Red (29%)
- Yellow (43%)
- Blue (65%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (49%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A81A7 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 4A81A7 by changing the saturation by 10% instead.



■ 4A81A7

■ 4A81A7

FFFFFF

■ 2D688D

■ 81B6DE

■ 045073

■ 9DD1FB

■ 00395A

■ B9EEFF

■ 002442

■ D6FFFF

■ 000E2C

■ F3FFFF

■ 000117

■ 000000

■ 4A81A7

■ 4A81A7

■ 397AA7

■ 5B88A7

■ 2973A7

■ 6B8FA7

■ 186DA7

■ 7C95A7

■ 0766A7

■ 8D9CA7

■ 0063A7

■ 9DA3A7

■ AEAAA7

■ BFB1A7

■ D0B8A7

■ E0BEA7

# Harmonies

## Analogous

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



2D869B



4A81A7



6E7AA7

# Triad

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



4A81A7



A96A71



66845A

# Complementary

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



4A81A7



A7704A

# 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.



7F7E4F



4A81A7



A46F5C

# Square

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



4A81A7



A16B88



957650



4A876F

# Rectangle

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



4A81A7



8374A1



957650



6F8255



# Sweetspot

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



4A81A7



B4CAD9



4AA76F



58656E



EDEDED



6E6E6E



# Same Dimension

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



4A81A7



489DD9



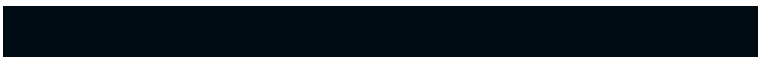
4A53A7



4C5154



005794



000C14



# Inverse Universe

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



A74A81



D9489D



A79E4A



544C51



940057



14000C



# Previews

## White Background



This preview shows how the Hex color 4A81A7 looks on a white background.

## Color Contrast Check

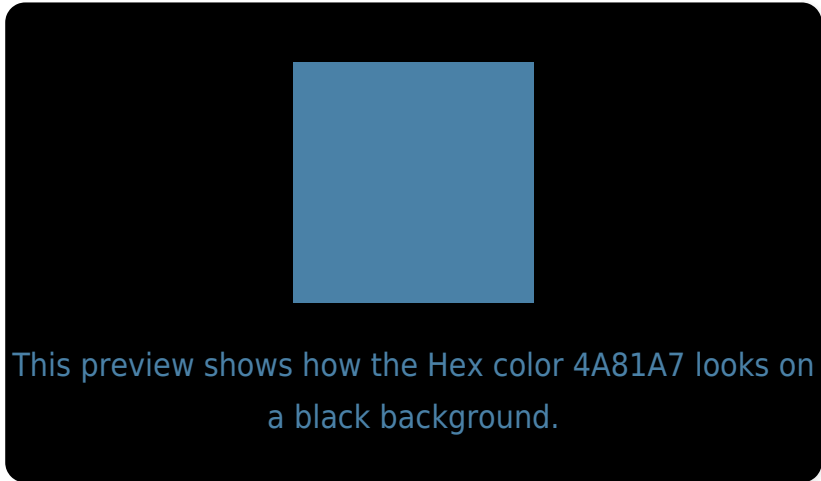
Large Text (above 18pt) WCAG AA ✓ Pass

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

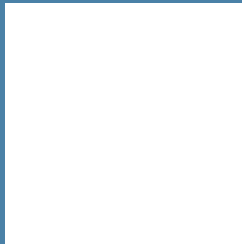
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A81A7 Background



This preview shows how black text looks on a background with the Hex color 4A81A7.

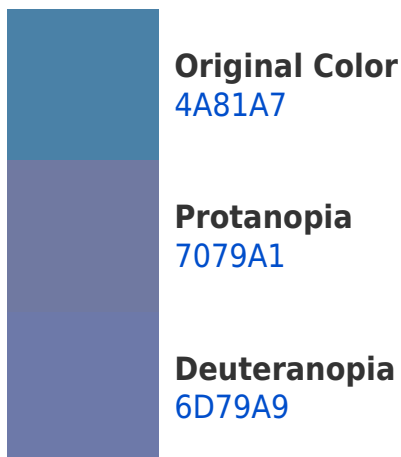


This preview shows how white text looks on a background with the Hex color 4A81A7.

# 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](#).

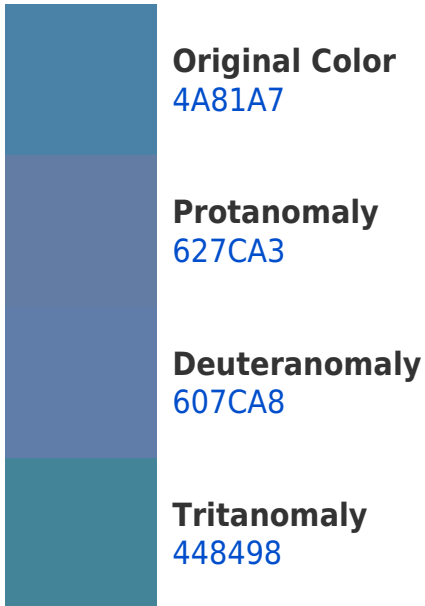
## Dichromacy





**Tritanopia**  
418590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A81A7 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 #4A81A7 looks like.

```
.text, #text, p{  
    color:#4A81A7  
}
```

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 #4A81A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A81A7  
}
```

## Border

The CSS property to change the border of an element to Hex 4A81A7 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  
#4A81A7 }
```

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

```
.border{ border-color:#4A81A7 }
```

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

Here you see how a box with a 4 pixel #4A81A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A81A7; -webkit-box-shadow:4px 4px  
4px 4px #4A81A7; box-shadow:4px 4px 4px  
4px #4A81A7 }
```

# Background

The CSS property to change the background color of an element to Hex 4A81A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A81A7 }
```

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

```
.background{ background-color:#4A81A7 }
```

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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