

Converting Colors

Hex(4A7BC6)

Have a look what the booklet for
Hex(4A7BC6) contains.

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Color

Hex(4A7BC6)

Conversions

Conversions Part 1

Format	Color
Hex	4A7BC6
RGB	74, 123, 198
RGB Percent	29%, 48%, 78%
CMY	0.7098, 0.5176, 0.2235
CMYK	0.63, 0.38, 0.00, 0.22
HSL	216°, 52%, 53%
HSV	216°, 63%, 78%
XYZ	20.1000, 19.6990, 56.1690
YIQ	116.8990, -53.2790, 12.9370

Conversions

Conversions Part 2

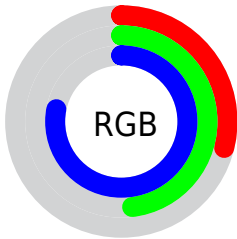
Format	Color
R_{YB}	74, 109, 198
Decimal	4881350
CIE _{Lab}	51.50, 6.96, -44.03
CIE _{LCh}	51, 44.578, 278.986
Yxy	19.6990, 0.2094, 0.2053
Android (android.graphics.Color)	4283071430 (0xFF4A7BC6)
YUV	116.8990, 39.9828, -37.6224
Hunter-Lab	44.3835, 3.1664, -43.9652

Details

The Hex color **4A7BC6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C6954A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **85AFFE**, and **004B90** is the 20% darker color. If you saturate the color by 10%, you get **366FC6**, and if you desaturate by 10%, it is **5E87C6**.

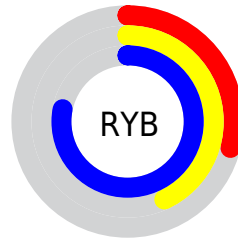
Distribution



Red (29%)

Green (48%)

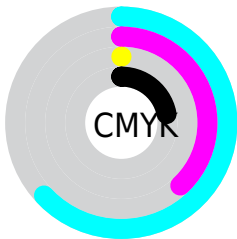
Blue (78%)



Red (29%)

Yellow (43%)

Blue (78%)

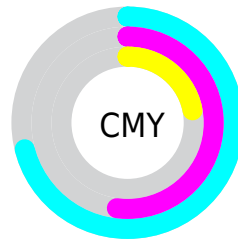


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (52%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7BC6 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 4A7BC6 by changing the saturation by 10% instead.

■ 4A7BC6

■ 4A7BC6

FFFFFF

■ 2862AA

■ 85AFFF

■ 004B90

■ A2CAFF

■ 003576

■ BFE6FF

■ 00205C

■ DDFFFF

■ 000744

■ FAFFFF

■ 00032D

■ 000118

■ 000000

■ 4A7BC6

■ 4A7BC6

■ 366FC6

■ 5E87C6

■ 2263C6

■ 7293C6

■ 0F57C6

■ 859FC6

■ 004EC6

■ 99ABC6

■ ADB7C6

■ C1C3C6

■ D5CFC6

■ E8DBC6

■ FCE7C6

Harmonies

Analogous

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



0086C1



4A7BC6



8C6CB6

Triad

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



4A7BC6



BC614D



1A8C5E

Complementary

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



4A7BC6



C6954A

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.



5C863D



4A7BC6



A66F32

Square

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



4A7BC6



C15971



857C2B



008E85

Rectangle

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



4A7BC6



A862A3



857C2B



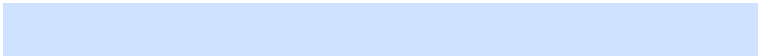
388A52

Sweetspot

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



4A7BC6



CFE2FF



4AC694



626E80



000000



808080

Same Dimension

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



4A7BC6



408BFF



564AC6



5A5D63



0040A3



000E24

Inverse Universe

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



C64A7B



FF408B



BAC64A



635A5D



A30040



24000E

Previews

White Background



This preview shows how the Hex color 4A7BC6 looks on a white background.

Color Contrast Check

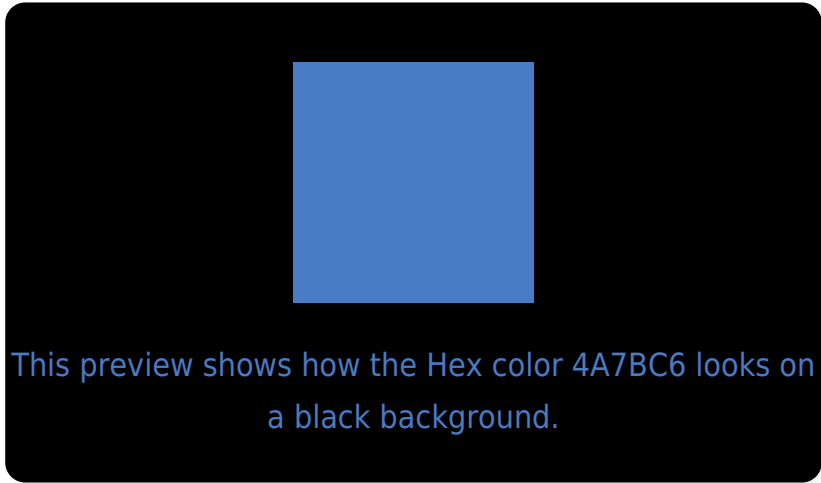
Large Text (above 18pt) WCAG AA ✓ Pass

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

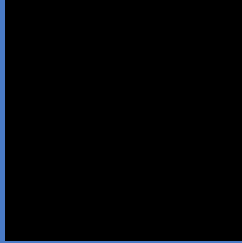
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

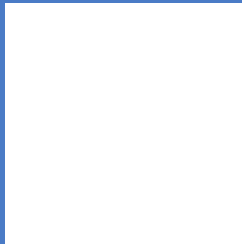
Any Text WCAG AAA × Fail

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

Hex 4A7BC6 Background



This preview shows how black text looks on a background with the Hex color 4A7BC6.

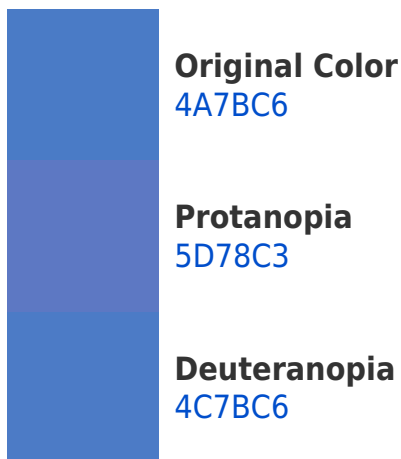


This preview shows how white text looks on a background with the Hex color 4A7BC6.

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](#).

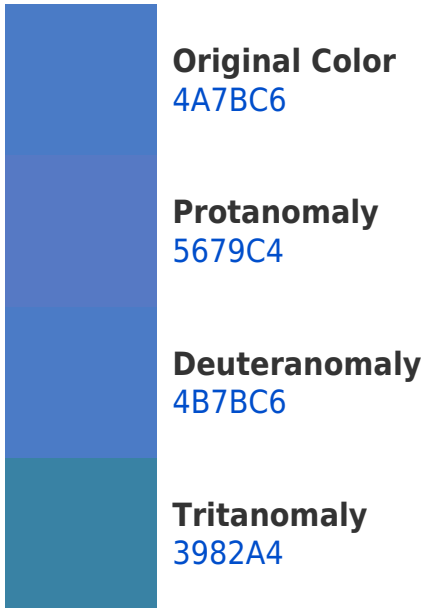
Dichromacy





Tritanopia
2F8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7BC6 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 #4A7BC6 looks like.

```
.text, #text, p{  
    color:#4A7BC6  
}
```

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 #4A7BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7BC6  
}
```

Border

The CSS property to change the border of an element to Hex 4A7BC6 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  
#4A7BC6 }
```

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

```
.border{ border-color:#4A7BC6 }
```

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

Here you see how a box with a 4 pixel #4A7BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7BC6; -webkit-box-shadow:4px 4px  
4px 4px #4A7BC6; box-shadow:4px 4px 4px  
4px #4A7BC6 }
```

Background

The CSS property to change the background color of an element to Hex 4A7BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7BC6 }
```

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

```
.background{ background-color:#4A7BC6 }
```

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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