

Converting Colors

Hex(4A8CB2)

Have a look what the booklet for
Hex(4A8CB2) contains.

Hex(4A8CB2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A8CB2)

Conversions

Conversions Part 1

Format	Color
Hex	4A8CB2
RGB	74, 140, 178
RGB Percent	29%, 55%, 70%
CMY	0.7098, 0.4510, 0.3020
CMYK	0.58, 0.21, 0.00, 0.30
HSL	202°, 41%, 49%
HSV	202°, 58%, 70%
XYZ	20.2380, 23.4264, 45.5746
YIQ	124.5980, -51.5340, -2.1740

Conversions

Conversions Part 2

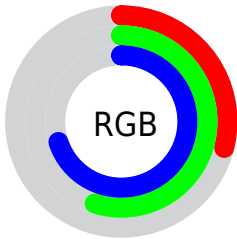
Format	Color
R_{YB}	74, 114, 178
Decimal	4885682
CIE _{Lab}	55.51, -9.66, -26.32
CIE _{LCh}	56, 28.032, 249.847
Yxy	23.4264, 0.2268, 0.2625
Android (android.graphics.Color)	4283075762 (0xFF4A8CB2)
YUV	124.5980, 26.3272, -44.3744
Hunter-Lab	48.4008, -10.0645, -21.9474

Details

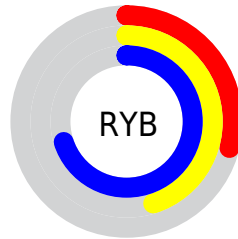
The Hex color **4A8CB2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B2704A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **83C2EA**, and **005A7D** is the 20% darker color. If you saturate the color by 10%, you get **3885B2**, and if you desaturate by 10%, it is **5C93B2**.

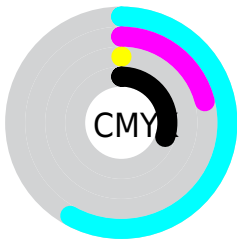
Distribution



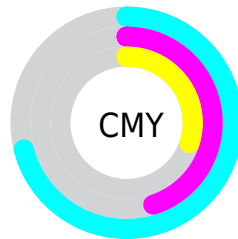
- Red (29%)
- Green (55%)
- Blue (70%)



- Red (29%)
- Yellow (45%)
- Blue (70%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (71%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8CB2 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 4A8CB2 by changing the saturation by 10% instead.

 4A8CB2

 4A8CB2

FFFFFF

 2B7397

 83C2EA

 005A7D

 9FDDFF

 004364

 BCFAFF

 002D4C

 D9FFFF

 001935

 F6FFFF

 000220

 000003

 000000

 4A8CB2

 4A8CB2

■ 3885B2

■ 5C93B2

■ 267FB2

■ 6E99B2

■ 1578B2

■ 7FA0B2

■ 0372B2

■ 91A6B2

■ 0071B2

■ A3ADB2

■ B5B3B2

■ C7BAB2

■ D8C0B2

■ EAC7B2

Harmonies

Analogous

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



3091A3



4A8CB2



7085B5

Triad

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



4A8CB2



B5727E



738D5F

Complementary

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



4A8CB2



B2704A

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.



8E8655



4A8CB2



B27667

Square

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



4A8CB2



AA7596



A47E58



569173

Rectangle

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



4A8CB2



887FAF



A47E58



7C8B5A

Sweetspot

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



4A8CB2



BED9E8



4AB26E



5B6C75



F5F5F5



757575

Same Dimension

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



4A8CB2



46ADE8



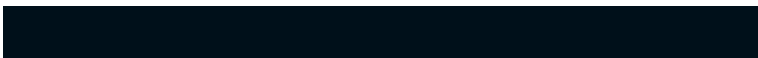
4A5AB2



505659



006199



00101A

Inverse Universe

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



B24A8C



E846AD



B2A24A



595056



990061



1A0010

Previews

White Background



This preview shows how the Hex color 4A8CB2 looks on a white background.

Color Contrast Check

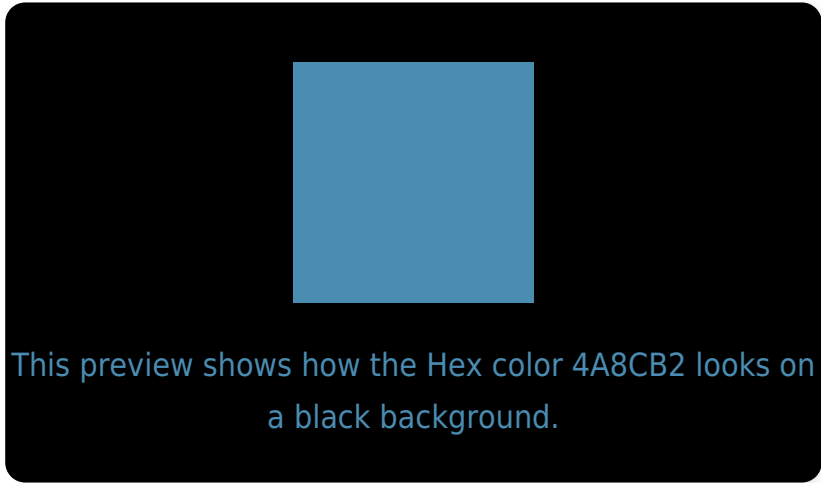
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A8CB2 Background



This preview shows how black text looks on a background with the Hex color 4A8CB2.

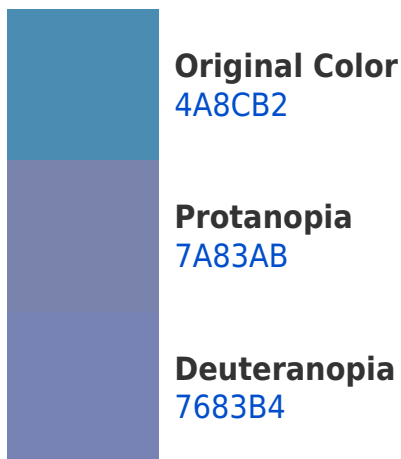


This preview shows how white text looks on a background with the Hex color 4A8CB2.

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](#).

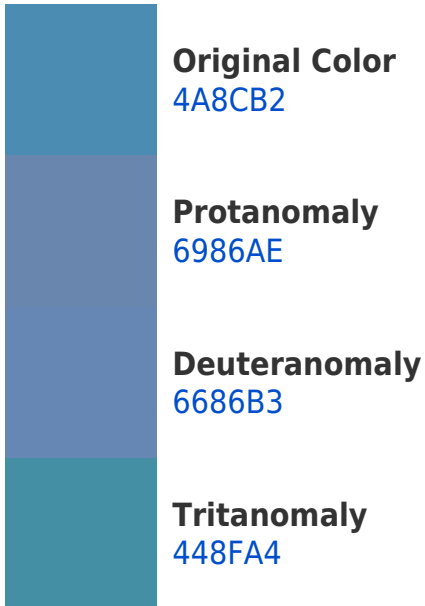
Dichromacy



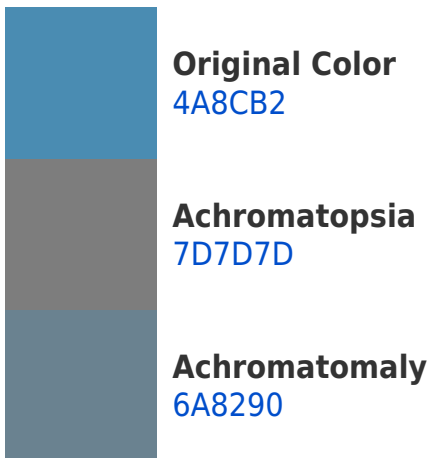


Tritanopia
41909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8CB2 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 #4A8CB2 looks like.

```
.text, #text, p{  
    color:#4A8CB2  
}
```

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 #4A8CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8CB2
}
```

Border

The CSS property to change the border of an element to Hex 4A8CB2 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
#4A8CB2 }
```

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

```
.border{ border-color:#4A8CB2 }
```

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

Here you see how a box with a 4 pixel #4A8CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8CB2; -webkit-box-shadow:4px 4px  
4px 4px #4A8CB2; box-shadow:4px 4px 4px  
4px #4A8CB2 }
```

Background

The CSS property to change the background color of an element to Hex 4A8CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8CB2 }
```

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

```
.background{ background-color:#4A8CB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor