

Converting Colors

Hex(4C8AE1)

Have a look what the booklet for
Hex(4C8AE1) contains.

Hex(4C8AE1)	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(4C8AE1)

Conversions

Conversions Part 1

Format	Color
Hex	4C8AE1
RGB	76, 138, 225
RGB Percent	30%, 54%, 88%
CMY	0.7020, 0.4588, 0.1176
CMYK	0.66, 0.39, 0.00, 0.12
HSL	215°, 71%, 59%
HSV	215°, 66%, 88%
XYZ	25.6596, 25.1497, 74.7361
YIQ	129.3800, -64.8790, 13.9130

Conversions

Conversions Part 2

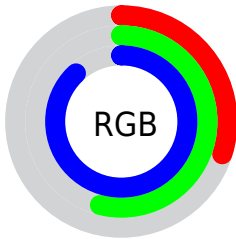
Format	Color
RYB	76, 120, 225
Decimal	5016289
CIELab	57.22, 7.54, -50.18
CIELCh	57, 50.743, 278.550
Yxy	25.1497, 0.2044, 0.2003
Android (android.graphics.Color)	4283206369 (0xFF4C8AE1)
YUV	129.3800, 47.1407, -46.8143
Hunter-Lab	50.1495, 3.5701, -53.2533

Details

The Hex color **4C8AE1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **E1A34C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8ABFFF**, and **0059A9** is the 20% darker color. If you saturate the color by 10%, you get **367DE1**, and if you desaturate by 10%, it is **6397E1**.

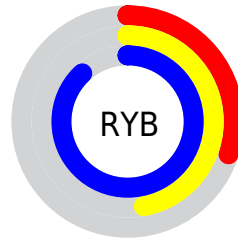
Distribution



Red (30%)

Green (54%)

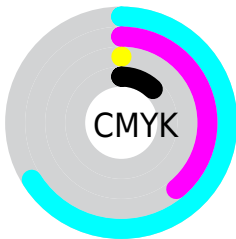
Blue (88%)



Red (30%)

Yellow (47%)

Blue (88%)

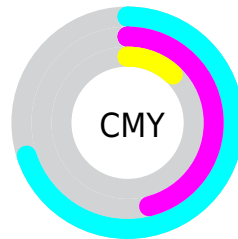


Cyan (66%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (70%)

Magenta (46%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8AE1 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 4C8AE1 by changing the saturation by 10% instead.

 4C8AE1

 4C8AE1

FFFFFF

 2571C5

 8ABFFF

 0059A9

 A8DBFF

 00428E

 C6F7FF

 002D74

 E4FFFF

 00195B

 000743

 00032C

 000116

 000000

■ 4C8AE1

■ 4C8AE1

■ 367DE1

■ 6397E1

■ 1F70E1

■ 79A4E1

■ 0963E1

■ 90B1E1

■ 005EE1

■ A6BFE1

■ BDCCE1

■ D3D9E1

■ EAE6E1

■ FFF3E1

■ FFFF E1

Harmonies

Analogous

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



0097DB



4C8AE1



9D78CF

Triad

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



4C8AE1



D46B54



0F9D67

Complementary

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



4C8AE1



E1A34C

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.



669640



4C8AE1



BB7B35

Square

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



4C8AE1



DB617E



968B2B



009F95

Rectangle

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



4C8AE1



BD6CB8



968B2B



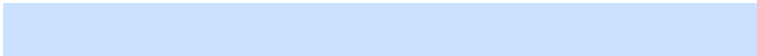
3B9B59

Sweetspot

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



4C8AE1



CCE1FF



4CE1A3



616E80



000000



808080

Same Dimension

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



4C8AE1



3689FF



584CE1



656A70



0049B0



001430

Inverse Universe

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



E14C8A



FF3689



D5E14C



70656A



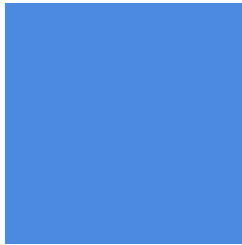
B00049



300014

Previews

White Background



This preview shows how the Hex color 4C8AE1 looks on a white background.

Color Contrast Check

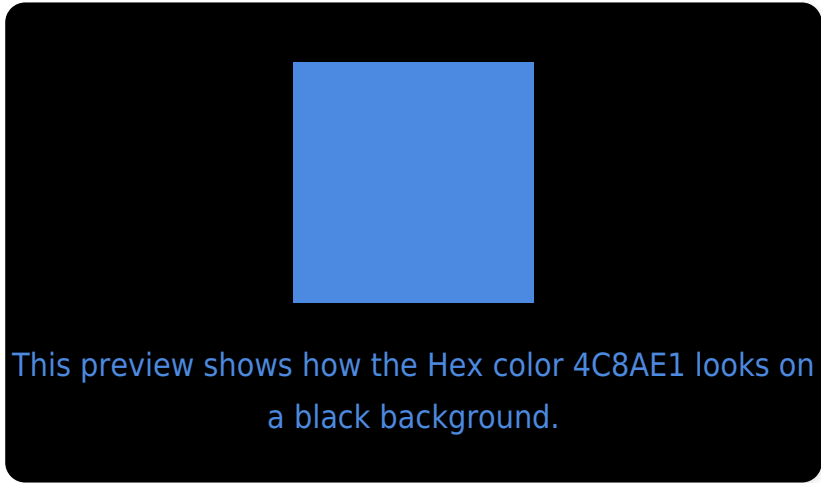
Large Text (above 18pt) WCAG AA ✓ Pass

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

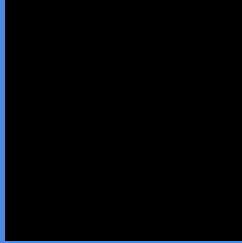
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

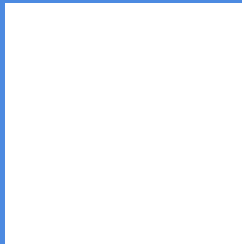
Any Text WCAG AAA × Fail

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

Hex 4C8AE1 Background



This preview shows how black text looks on a background with the Hex color 4C8AE1.



This preview shows how white text looks on a background with the Hex color 4C8AE1.

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](#).

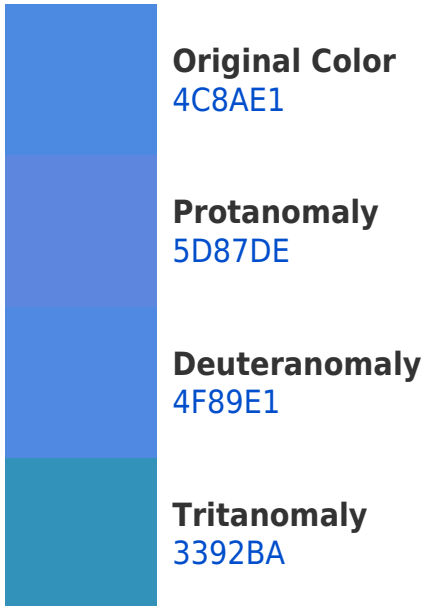
Dichromacy



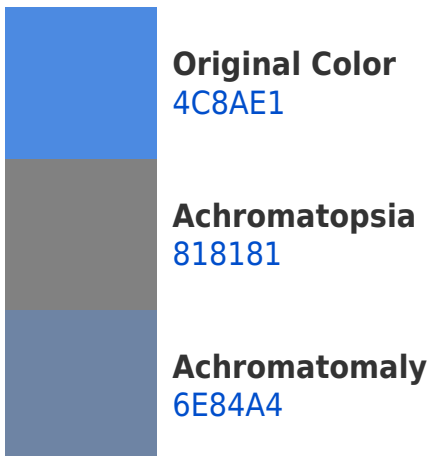


Tritanopia
2497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8AE1 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 #4C8AE1 looks like.

```
.text, #text, p{  
    color:#4C8AE1  
}
```

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 #4C8AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8AE1
}
```

Border

The CSS property to change the border of an element to Hex 4C8AE1 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
#4C8AE1 }
```

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

```
.border{ border-color:#4C8AE1 }
```

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

Here you see how a box with a 4 pixel #4C8AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8AE1; -webkit-box-shadow:4px 4px  
4px 4px #4C8AE1; box-shadow:4px 4px 4px  
4px #4C8AE1 }
```

Background

The CSS property to change the background color of an element to Hex 4C8AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8AE1 }
```

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

```
.background{ background-color:#4C8AE1 }
```

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