

Converting Colors

Hex(4C8DAE)

Have a look what the booklet for
Hex(4C8DAE) contains.

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Color

Hex(4C8DAE)

Conversions

Conversions Part 1

Format	Color
Hex	4C8DAE
RGB	76, 141, 174
RGB Percent	30%, 55%, 68%
CMY	0.7020, 0.4471, 0.3176
CMYK	0.56, 0.19, 0.00, 0.32
HSL	200°, 39%, 49%
HSV	200°, 56%, 68%
XYZ	20.1453, 23.6422, 43.5460
YIQ	125.3270, -49.3330, -3.5170

Conversions

Conversions Part 2

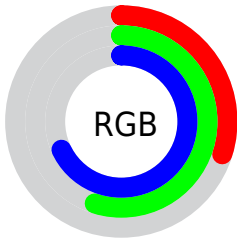
Format	Color
RYB	76, 115, 174
Decimal	5017006
CIELab	55.73, -11.06, -23.68
CIELCh	56, 26.139, 244.973
Yxy	23.6422, 0.2307, 0.2707
Android (android.graphics.Color)	4283207086 (0xFF4C8DAE)
YUV	125.3270, 23.9958, -43.2598
Hunter-Lab	48.6233, -11.1356, -19.0626

Details

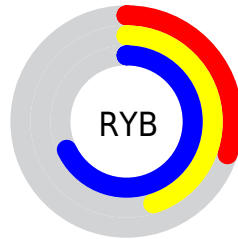
The Hex color **4C8DAE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE6D4C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **84C3E6**, and **025B79** is the 20% darker color. If you saturate the color by 10%, you get **3B87AE**, and if you desaturate by 10%, it is **5D93AE**.

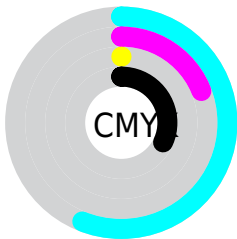
Distribution



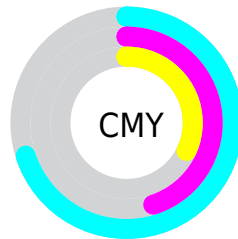
- Red (30%)
- Green (55%)
- Blue (68%)



- Red (30%)
- Yellow (45%)
- Blue (68%)



- Cyan (56%)
- Magenta (19%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8DAE 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 4C8DAE by changing the saturation by 10% instead.



4C8DAE



4C8DAE

FFFFFF



2E7393



84C3E6



025B79



A0DFFF



004361



BDFBFF



002D49



DAFFFF



001932



F7FFFF



00021D



000000



4C8DAE



4C8DAE



3B87AE



5D93AE

■ 2981AE

■ 6F99AE

■ 187BAE

■ 809FAE

■ 0676AE

■ 92A4AE

■ 0073AE

■ A3AAAE

■ B4B0AE

■ C6B6AE

■ D7BCAE

■ E9C2AE

Harmonies

Analogous

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



3A919F



4C8DAE



6D86B2

Triad

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



4C8DAE



B27483



798C60

Complementary

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



4C8DAE



AE6D4C

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.



928558



4C8DAE



B1776D

Square

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



4C8DAE



A67799



A57E5D



5E9072

Rectangle

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



4C8DAE



8381AF



A57E5D



828A5C

Sweetspot

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



4C8DAE



BCD6E3



4CAE6D



5C6B73



F2F2F2



737373

Same Dimension

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



4C8DAE



49AFE3



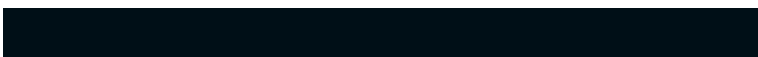
4C5CAE



4E5457



006496



000F17

Inverse Universe

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



AE4C8D



E349AF



AE9E4C



574E54



960064



17000F

Previews

White Background



This preview shows how the Hex color 4C8DAE looks on a white background.

Color Contrast Check

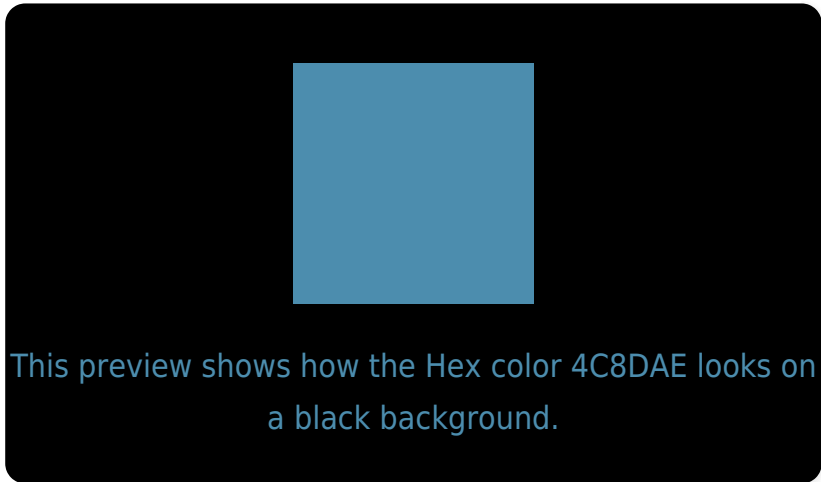
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C8DAE Background



This preview shows how black text looks on a background with the Hex color 4C8DAE.

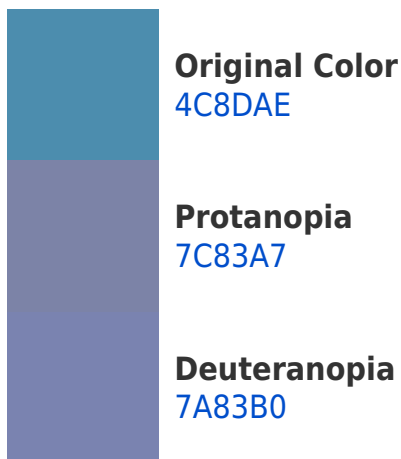


This preview shows how white text looks on a background with the Hex color 4C8DAE.

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](#).

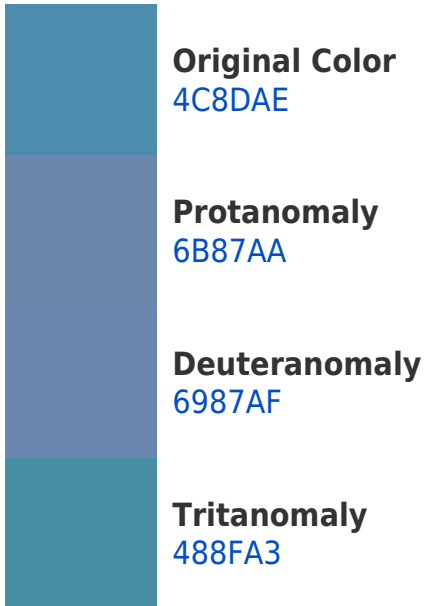
Dichromacy



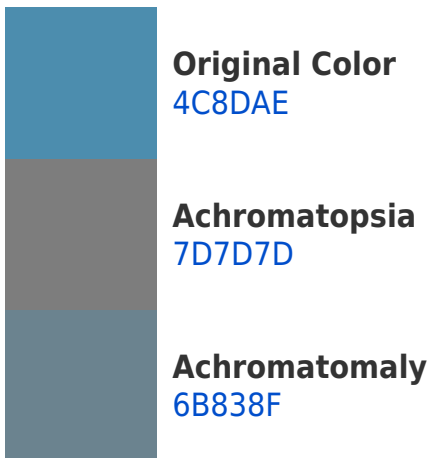


Tritanopia
45909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8DAE 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 #4C8DAE looks like.

```
.text, #text, p{  
    color:#4C8DAE  
}
```

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 #4C8DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8DAE
}
```

Border

The CSS property to change the border of an element to Hex 4C8DAE 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
#4C8DAE }
```

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

```
.border{ border-color:#4C8DAE }
```

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

Here you see how a box with a 4 pixel #4C8DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8DAE; -webkit-box-shadow:4px 4px  
4px 4px #4C8DAE; box-shadow:4px 4px 4px  
4px #4C8DAE }
```

Background

The CSS property to change the background color of an element to Hex 4C8DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8DAE }
```

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

```
.background{ background-color:#4C8DAE }
```

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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