

Converting Colors

Hex(4C8AAA)

Have a look what the booklet for
Hex(4C8AAA) contains.

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Color

Hex(4C8AAA)

Conversions

Conversions Part 1

Format	Color
Hex	4C8AAA
RGB	76, 138, 170
RGB Percent	30%, 54%, 67%
CMY	0.7020, 0.4588, 0.3333
CMYK	0.55, 0.19, 0.00, 0.33
HSL	200°, 38%, 48%
HSV	200°, 55%, 67%
XYZ	19.3247, 22.6157, 41.3770
YIQ	123.1100, -47.2240, -3.1920

Conversions

Conversions Part 2

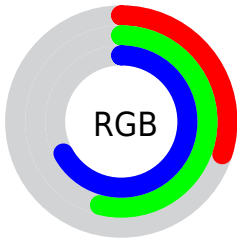
Format	Color
RYB	76, 113, 170
Decimal	5016234
CIELab	54.67, -10.62, -23.01
CIELCh	55, 25.345, 245.225
Yxy	22.6157, 0.2319, 0.2714
Android (android.graphics.Color)	4283206314 (0xFF4C8AAA)
YUV	123.1100, 23.1168, -41.3155
Hunter-Lab	47.5560, -10.6885, -18.2971

Details

The Hex color **4C8AAA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA6C4C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **83BFE1**, and **065876** is the 20% darker color. If you saturate the color by 10%, you get **3B84AA**, and if you desaturate by 10%, it is **5D90AA**.

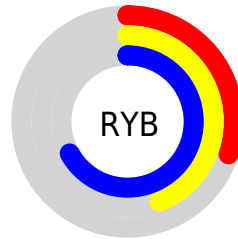
Distribution



Red (30%)

Green (54%)

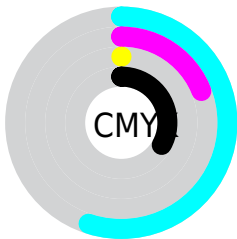
Blue (67%)



Red (30%)

Yellow (44%)

Blue (67%)

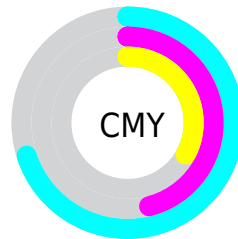


Cyan (55%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (70%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8AAA 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 4C8AAA by changing the saturation by 10% instead.

■ 4C8AAA

■ 4C8AAA

FFFFFF

■ 2F718F

■ 83BFE1

■ 065876

■ 9FDBFE

■ 00415D

■ BCF8FF

■ 002B45

■ D9FFFF

■ 00172F

■ F6FFFF

■ 00011A

■ 000000

■ 4C8AAA

■ 4C8AAA

■ 3B84AA

■ 5D90AA

■ 2A7EAA

■ 6E96AA

■ 1979AA

■ 7F9BAA

■ 0873AA

■ 90A1AA

■ 0070AA

■ A1A7AA

■ B2ADAA

■ C3B3AA

■ D4B8AA

■ E5BEAA

Harmonies

Analogous

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



3B8E9B



4C8AAA



6C84AE

Triad

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



4C8AAA



AE7280



77895E

Complementary

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



4C8AAA



AA6C4C

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.



8E8357



4C8AAA



AD756B

Square

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



4C8AAA



A27596



A17B5C



5D8D70

Rectangle

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



4C8AAA



817EAA



A17B5C



7F875B

Sweetspot

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



4C8AAA



B8D1DE



4CAA6B



5A6970



F0F0F0



707070

Same Dimension

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



4C8AAA



4BACDE



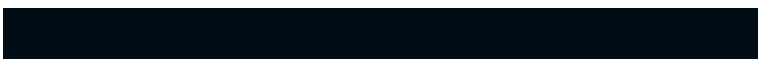
4C5CAA



4C5154



006294



000D14

Inverse Universe

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



AA4C8A



DE4BAC



AA9A4C



544C51



940062



14000D

Previews

White Background



This preview shows how the Hex color 4C8AAA looks on a white background.

Color Contrast Check

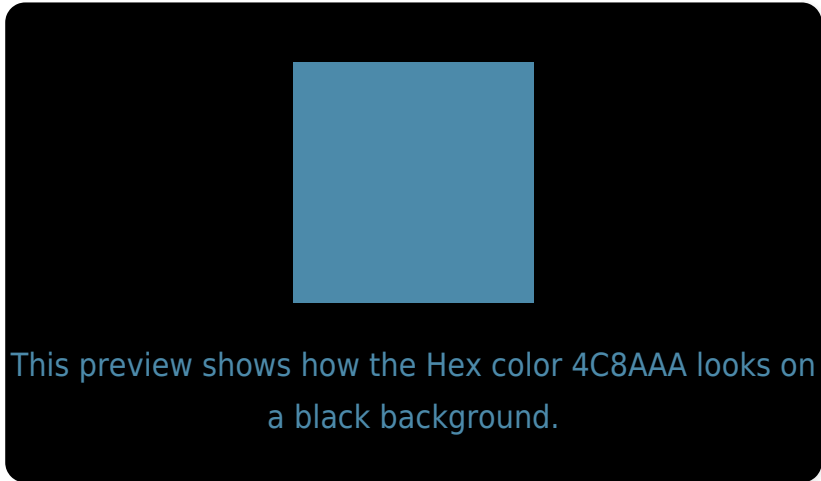
Large Text (above 18pt) WCAG AA ✓ Pass

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

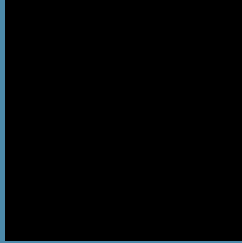
Any Text WCAG AA ✓ Pass

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 4C8AAA Background



This preview shows how black text looks on a background with the Hex color 4C8AAA.

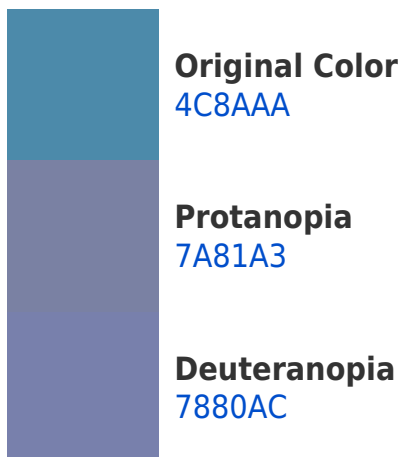


This preview shows how white text looks on a background with the Hex color 4C8AAA.

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](#).

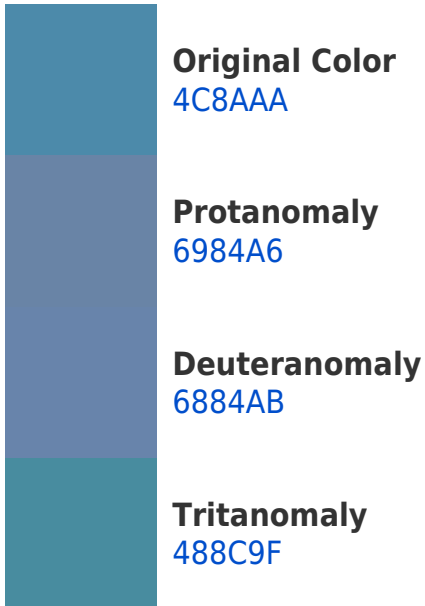
Dichromacy



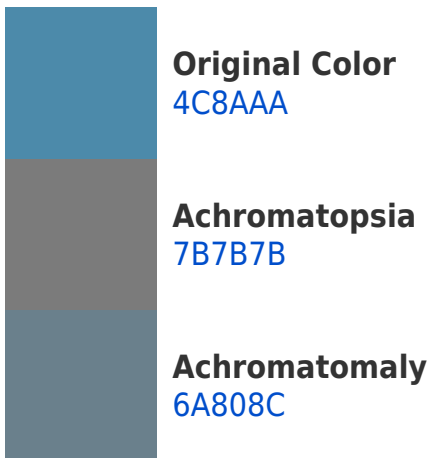


Tritanopia
458D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8AAA 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 #4C8AAA looks like.

```
.text, #text, p{  
    color:#4C8AAA  
}
```

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 #4C8AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8AAA
}
```

Border

The CSS property to change the border of an element to Hex 4C8AAA 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
#4C8AAA }
```

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

```
.border{ border-color:#4C8AAA }
```

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

Here you see how a box with a 4 pixel #4C8AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8AAA; -webkit-box-shadow:4px 4px  
4px 4px #4C8AAA; box-shadow:4px 4px 4px  
4px #4C8AAA }
```

Background

The CSS property to change the background color of an element to Hex 4C8AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8AAA }
```

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

```
.background{ background-color:#4C8AAA }
```

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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