

Converting Colors

Hex(4894CA)

Have a look what the booklet for
Hex(4894CA) contains.

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Color

Hex(4894CA)

Conversions

Conversions Part 1

Format	Color
Hex	4894CA
RGB	72, 148, 202
RGB Percent	28%, 58%, 79%
CMY	0.7176, 0.4196, 0.2078
CMYK	0.64, 0.27, 0.00, 0.21
HSL	205°, 55%, 54%
HSV	205°, 64%, 79%
XYZ	23.9231, 26.8218, 59.7934
YIQ	131.4320, -62.6300, 0.6820

Conversions

Conversions Part 2

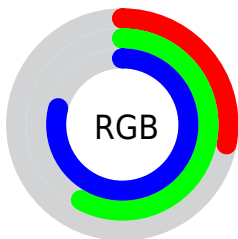
Format	Color
R _Y B	72, 120, 202
Decimal	4756682
CIE Lab	58.81, -6.76, -34.80
CIE LCh	59, 35.450, 259.005
Yxy	26.8218, 0.2164, 0.2426
Android (android.graphics.Color)	4282946762 (0xFF4894CA)
YUV	131.4320, 34.7900, -52.1219
Hunter-Lab	51.7898, -8.1782, -32.1999

Details

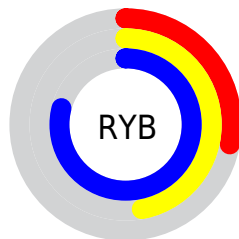
The Hex color **4894CA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CA7E48**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **84CAFF**, and **006294** is the 20% darker color. If you saturate the color by 10%, you get **348CCA**, and if you desaturate by 10%, it is **5C9CCA**.

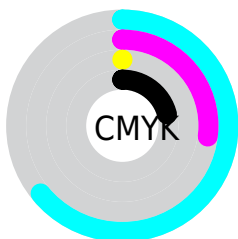
Distribution



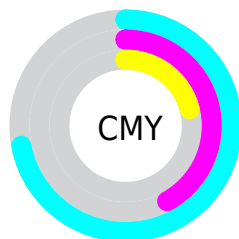
- Red (28%)
- Green (58%)
- Blue (79%)



- Red (28%)
- Yellow (47%)
- Blue (79%)



- Cyan (64%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (72%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4894CA 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 4894CA by changing the saturation by 10% instead.

■ 4894CA

■ 4894CA

FFFFFF

■ 247AAE

■ 84CAFF

■ 006294

■ A1E6FF

■ 004A7A

■ BFFFFF

■ 003461

■ DCFFFF

■ 001F48

■ FAFFFF

■ 000432

■ 00011C

■ 000000

■ 4894CA

■ 4894CA

■ 348CCA

■ 5C9CCA

■ 2083CA

■ 70A5CA

■ 0B7BCA

■ 85ADCA

■ 0076CA

■ 99B6CA

■ ADBECA

■ C1C6CA

■ D5CFCA

■ EAD7CA

■ FEE0CA

Harmonies

Analogous

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



009BBC



4894CA



808AC8

Triad

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



4894CA



CA767B



6A9964

Complementary

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



4894CA



CA7E48

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.



8E9251



4894CA



C17D60

Square

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



4894CA



C2769A



AC8850



3F9D81

Rectangle

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



4894CA



9D82BE



AC8850



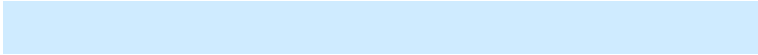
77975C

Sweetspot

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



4894CA



CFEBFF



48CA7C



627380



000000



808080

Same Dimension

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



4894CA



3BADFF



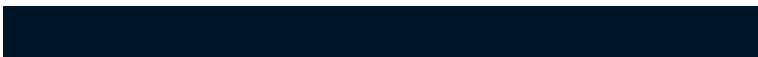
4855CA



5C6266



0061A6



001626

Inverse Universe

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



CA4894



FF3BAD



CABD48



665C62



A60061



260016

Previews

White Background



This preview shows how the Hex color 4894CA looks on a white background.

Color Contrast Check

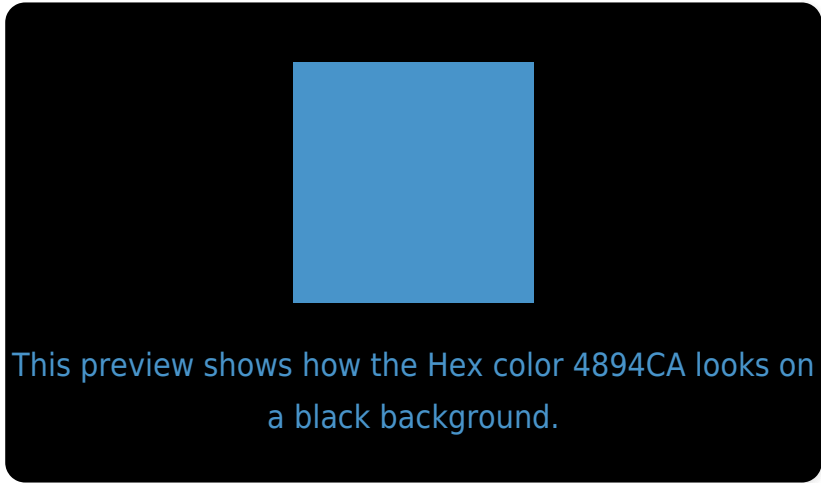
Large Text (above 18pt) WCAG AA ✓ Pass

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

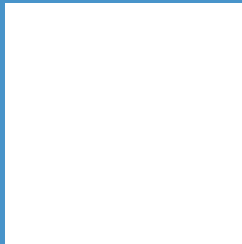
Any Text WCAG AAA × Fail

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

Hex 4894CA Background



This preview shows how black text looks on a background with the Hex color 4894CA.

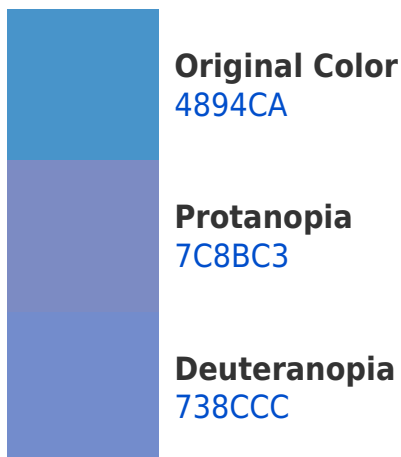


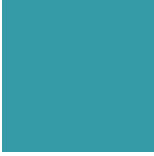
This preview shows how white text looks on a background with the Hex color 4894CA.

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](#).

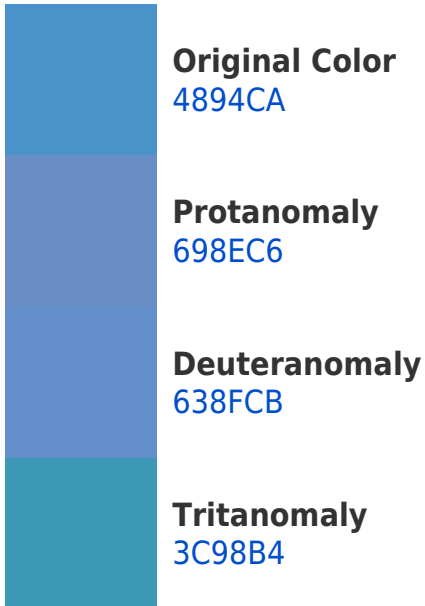
Dichromacy



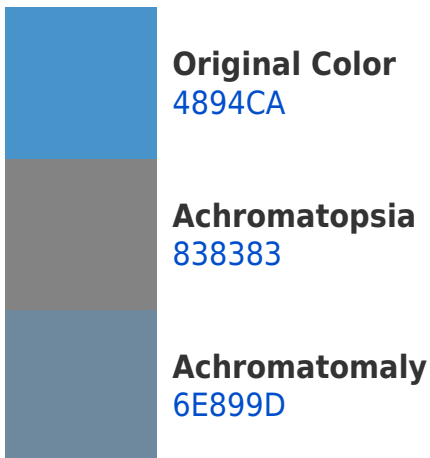


Tritanopia
359BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4894CA 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 #4894CA looks like.

```
.text, #text, p{  
    color:#4894CA  
}
```

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 #4894CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4894CA
}
```

Border

The CSS property to change the border of an element to Hex 4894CA 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
#4894CA }
```

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

```
.border{ border-color:#4894CA }
```

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

Here you see how a box with a 4 pixel #4894CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4894CA; -webkit-box-shadow:4px 4px  
4px 4px #4894CA; box-shadow:4px 4px 4px  
4px #4894CA }
```

Background

The CSS property to change the background color of an element to Hex 4894CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4894CA }
```

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

```
.background{ background-color:#4894CA }
```

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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