

Converting Colors

Hex(4491CA)

Have a look what the booklet for
Hex(4491CA) contains.

Hex(4491CA)	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(4491CA)

Conversions

Conversions Part 1

Format	Color
Hex	4491CA
RGB	68, 145, 202
RGB Percent	27%, 57%, 79%
CMY	0.7333, 0.4314, 0.2078
CMYK	0.66, 0.28, 0.00, 0.21
HSL	206°, 56%, 53%
HSV	206°, 66%, 79%
XYZ	23.1700, 25.7440, 59.6250
YIQ	128.4750, -64.1890, 1.4030

Conversions

Conversions Part 2

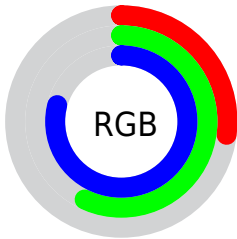
Format	Color
R_{YB}	68, 117, 202
Decimal	4493770
CIE _{Lab}	57.79, -5.73, -36.40
CIE _{LCh}	58, 36.845, 261.052
Yxy	25.7440, 0.2135, 0.2372
Android (android.graphics.Color)	4282683850 (0xFF4491CA)
YUV	128.4750, 36.2478, -53.0366
Hunter-Lab	50.7386, -7.2797, -34.1572

Details

The Hex color **4491CA** 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 **CA7D44**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **81C7FF**, and **005F94** is the 20% darker color. If you saturate the color by 10%, you get **3088CA**, and if you desaturate by 10%, it is **589ACA**.

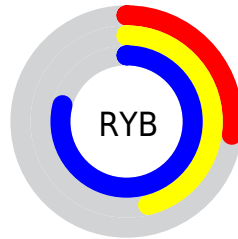
Distribution



Red (27%)

Green (57%)

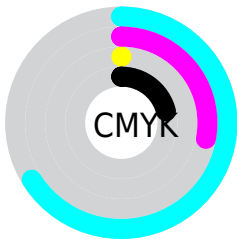
Blue (79%)



Red (27%)

Yellow (46%)

Blue (79%)

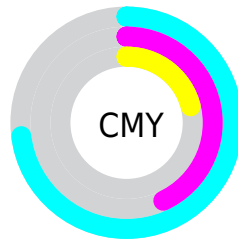


Cyan (66%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (73%)

Magenta (43%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4491CA 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 4491CA by changing the saturation by 10% instead.

■ 4491CA

FFFFFF

■ 81C7FF

■ 9EE3FF

■ BCFFFF

■ DAFFFF

■ F8FFFF

■ 4491CA

■ 4491CA

■ 1D77AE

■ 005F94

■ 00477A

■ 003160

■ 001D48

■ 000432

■ 00011C

■ 000000

■ 4491CA

■ 3088CA

■ 589ACA

■ 1C80CA

■ 6CA2CA

■ 0777CA

■ 81ABCA

■ 0074CA

■ 95B3CA

■ A9BCCA

■ BDC5CA

■ D1CDCA

■ E6D6CA

■ FADECA

Harmonies

Analogous

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



0098BC



4491CA



7F86C7

Triad

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



4491CA



C97275



639761

Complementary

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



4491CA



CA7D44

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.



88904D



4491CA



BF7A5A

Square

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



4491CA



C27296



A8864B



339B80

Rectangle

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



4491CA



9D7EBC



A8864B



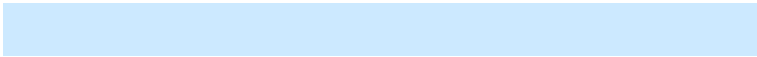
709559

Sweetspot

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



4491CA



CCE9FF



44CA7C



617280



000000



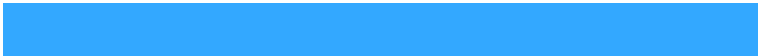
808080

Same Dimension

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



4491CA



33A8FF



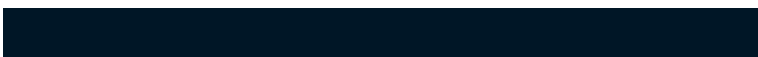
444FCA



5C6266



005FA6



001626

Inverse Universe

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



CA4491



FF33A8



CABF44



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 4491CA looks on a white background.

Color Contrast Check

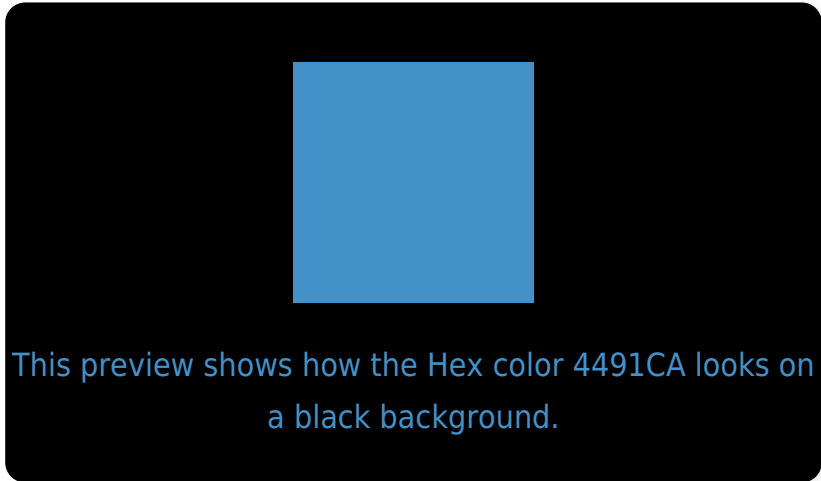
Large Text (above 18pt) WCAG AA ✓ Pass

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

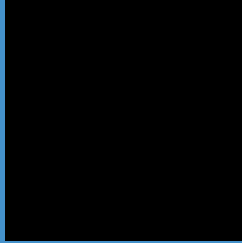
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

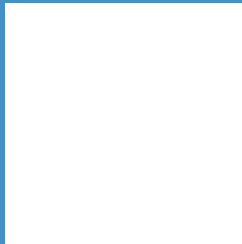
Any Text WCAG AAA × Fail

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

Hex 4491CA Background



This preview shows how black text looks on a background with the Hex color 4491CA.

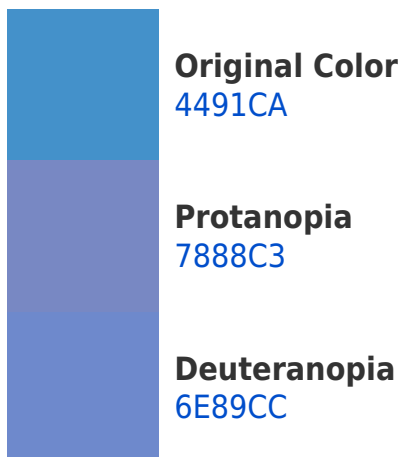


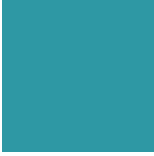
This preview shows how white text looks on a background with the Hex color 4491CA.

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](#).

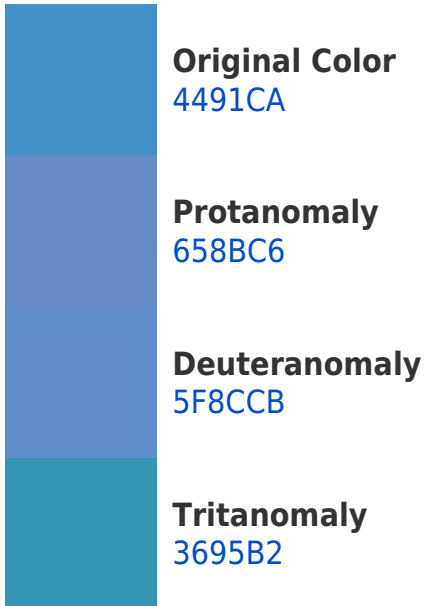
Dichromacy



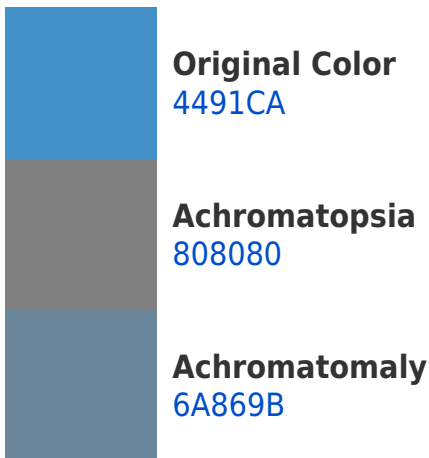


Tritanopia
2E98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4491CA 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 #4491CA looks like.

```
.text, #text, p{  
    color:#4491CA  
}
```

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 #4491CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4491CA
}
```

Border

The CSS property to change the border of an element to Hex 4491CA 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
#4491CA }
```

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

```
.border{ border-color:#4491CA }
```

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

Here you see how a box with a 4 pixel #4491CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4491CA; -webkit-box-shadow:4px 4px  
4px 4px #4491CA; box-shadow:4px 4px 4px  
4px #4491CA }
```

Background

The CSS property to change the background color of an element to Hex 4491CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4491CA }
```

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

```
.background{ background-color:#4491CA }
```

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