

Converting Colors

Hex(4491AC)

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

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Color

Hex(4491AC)

Conversions

Conversions Part 1

Format	Color
Hex	4491AC
RGB	68, 145, 172
RGB Percent	27%, 57%, 67%
CMY	0.7333, 0.4314, 0.3255
CMYK	0.60, 0.16, 0.00, 0.33
HSL	196°, 43%, 47%
HSV	196°, 60%, 67%
XYZ	19.9557, 24.4583, 42.6989
YIQ	125.0550, -54.5590, -7.9270

Conversions

Conversions Part 2

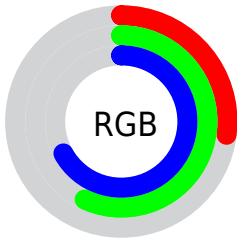
Format	Color
R_{YB}	68, 112, 172
Decimal	4493740
CIE _{Lab}	56.54, -15.51, -21.32
CIE _{LCh}	57, 26.363, 233.954
Yxy	24.4583, 0.2291, 0.2808
Android (android.graphics.Color)	4282683820 (0xFF4491AC)
YUV	125.0550, 23.1439, -50.0372
Hunter-Lab	49.4553, -14.5204, -16.5712

Details

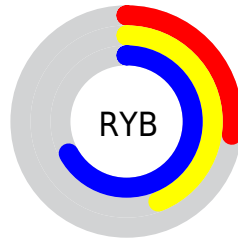
The Hex color **4491AC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AC5F44**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7DC7E3**, and **005E78** is the 20% darker color. If you saturate the color by 10%, you get **338DAC**, and if you desaturate by 10%, it is **5595AC**.

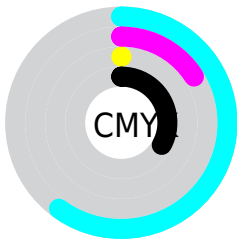
Distribution



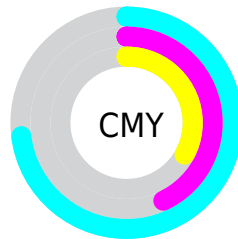
- Red (27%)
- Green (57%)
- Blue (67%)



- Red (27%)
- Yellow (44%)
- Blue (67%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 4491AC

■ 4491AC

FFFFFF

■ 237791

■ 7DC7E3

■ 005E78

■ 9AE3FF

■ 00475F

■ B6FFFF

■ 003047

■ D3FFFF

■ 001C30

■ F1FFFF

■ 00011C

■ 000000

■ 4491AC

■ 4491AC

■ 338DAC

■ 5595AC

■ 2288AC

■ 669AAC

■ 1084AC

■ 789EAC

■ 007FAC

■ 89A3AC

■ 9AA7AC

■ ABACAC

■ BCB0AC

■ CEB5AC

■ DFB9AC

Harmonies

Analogous

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



3D9499



4491AC



628BB5

Triad

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



4491AC



B1778D



858C5D

Complementary

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



4491AC



AC5F44

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.



9C855A



4491AC



B57776

Square

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



4491AC



A07CA3



AD7D63



6A916C

Rectangle

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



4491AC



7986B4



AD7D63



8D8A5B

Sweetspot

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



4491AC



B8D6E0



44AC5E



586A70



F0F0F0



707070

Same Dimension

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



4491AC



3DB6E0



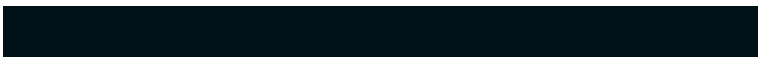
445EAC



4E5457



006F96



001117

Inverse Universe

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



AC4491



E03DB6



AC9244



574E54



96006F



170011

Previews

White Background



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

Color Contrast Check

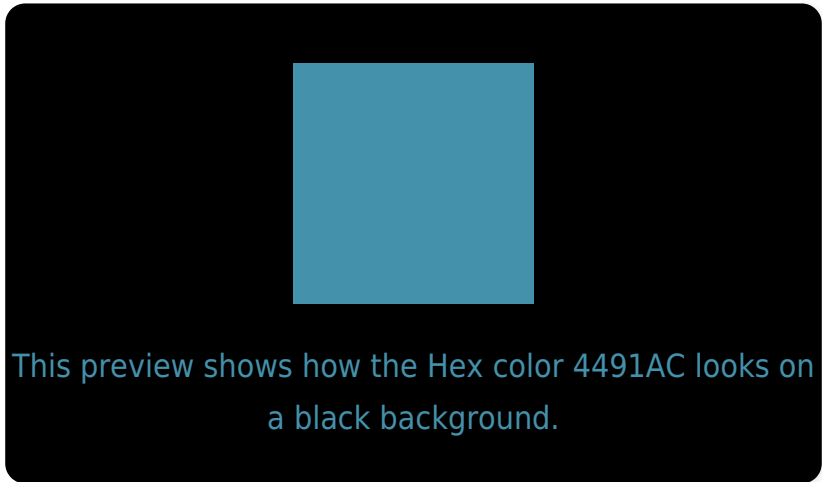
Large Text (above 18pt) WCAG AA ✓ Pass

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

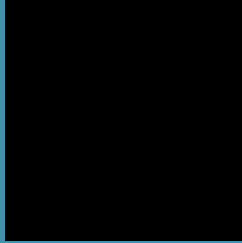
Any Text WCAG AA ✓ Pass

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 4491AC Background



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

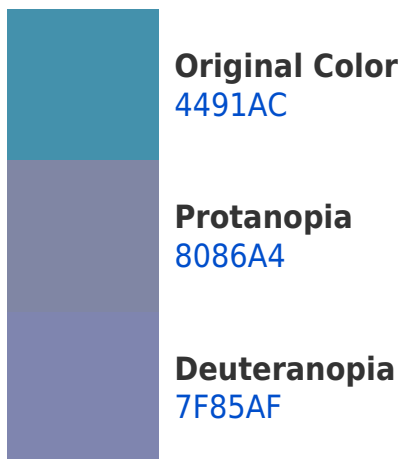


This preview shows how white text looks on a background with the Hex color 4491AC.

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](#).

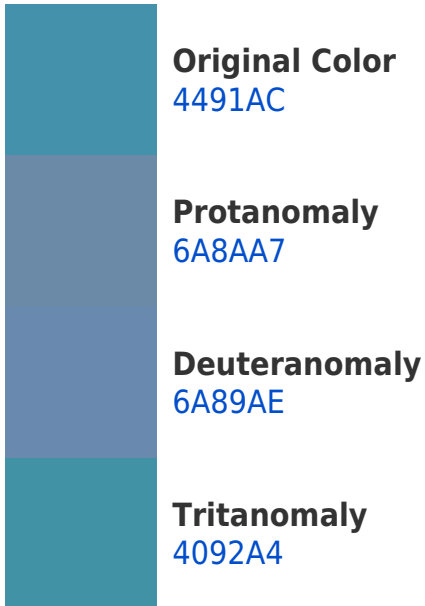
Dichromacy



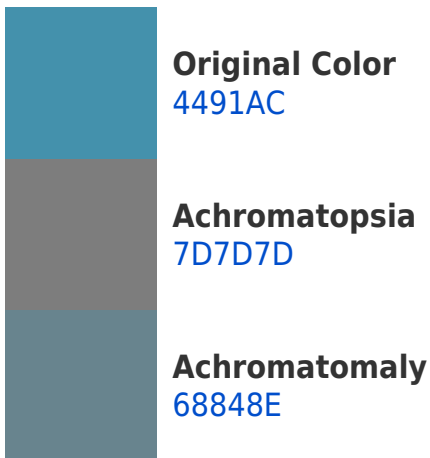


Tritanopia
3E939F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4491AC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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