

Converting Colors

Hex(4490AA)

Have a look what the booklet for
Hex(4490AA) contains.

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Color

Hex(4490AA)

Conversions

Conversions Part 1

Format	Color
Hex	4490AA
RGB	68, 144, 170
RGB Percent	27%, 56%, 67%
CMY	0.7333, 0.4353, 0.3333
CMYK	0.60, 0.15, 0.00, 0.33
HSL	195°, 43%, 47%
HSV	195°, 60%, 67%
XYZ	19.6129, 24.0777, 41.6440
YIQ	124.2400, -53.6420, -8.0260

Conversions

Conversions Part 2

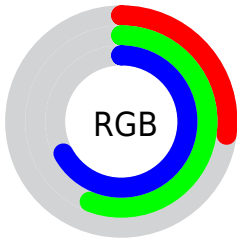
Format	Color
R_{YB}	68, 112, 170
Decimal	4493482
CIE _{Lab}	56.17, -15.59, -20.75
CIE _{LCh}	56, 25.959, 233.076
Yxy	24.0777, 0.2298, 0.2822
Android (android.graphics.Color)	4282683562 (0xFF4490AA)
YUV	124.2400, 22.5597, -49.3225
Hunter-Lab	49.0691, -14.5246, -15.9699




Details

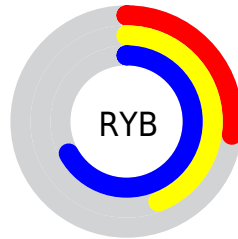
The Hex color **4490AA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA5E44**, and the grayscale version is **7C7C7C**.




A 20% lighter version of the original color is **7DC6E1**, and **005E76** is the 20% darker color. If you saturate the color by 10%, you get **338CAA**, and if you desaturate by 10%, it is **5594AA**.

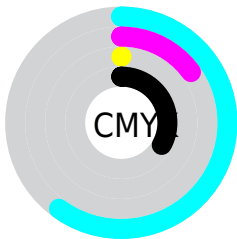
Distribution







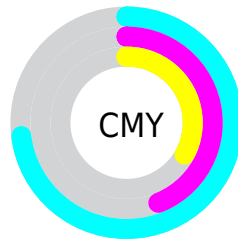
-  Red (27%)
-  Green (56%)
-  Blue (67%)






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



-  Cyan (60%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (73%)
-  Magenta (44%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4490AA 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 4490AA by changing the saturation by 10% instead.

■ 4490AA

■ 4490AA

FFFFFF

■ 24768F

■ 7DC6E1

■ 005E76

■ 99E2FE

■ 00465D

■ B6FFFF

■ 002F45

■ D3FFFF

■ 001C2F

■ F0FFFF

■ 00011A

■ 000000

■ 4490AA

■ 4490AA

■ 338CAA

■ 5594AA

■ 2287AA

■ 6699AA

■ 1183AA

■ 779DAA

■ 007FAA

■ 88A1AA

■ 99A6AA

■ AAAAAA

■ BBAEAA

■ CCB3AA

■ DDB7AA

Harmonies

Analogous

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



3E9397



4490AA



618AB3

Triad

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



4490AA



AF768D



848B5D

Complementary

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



4490AA



AA5E44

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.



9B835A



4490AA



B47776

Square

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



4490AA



9E7BA2



AC7C63



6A906B

Rectangle

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



4490AA



7885B2



AC7C63



8C885A

Sweetspot

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



4490AA



B6D4DE



44AA5E



586A70



F0F0F0



707070

Same Dimension

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



4490AA



3EB5DE



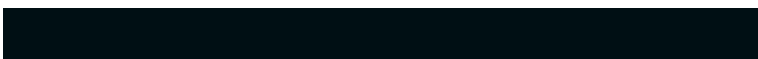
445EAA



4C5254



006E94



000F14

Inverse Universe

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



AA4490



DE3EB5



AA9044



544C52



94006E



14000F

Previews

White Background



This preview shows how the Hex color 4490AA looks on a white background.

Color Contrast Check

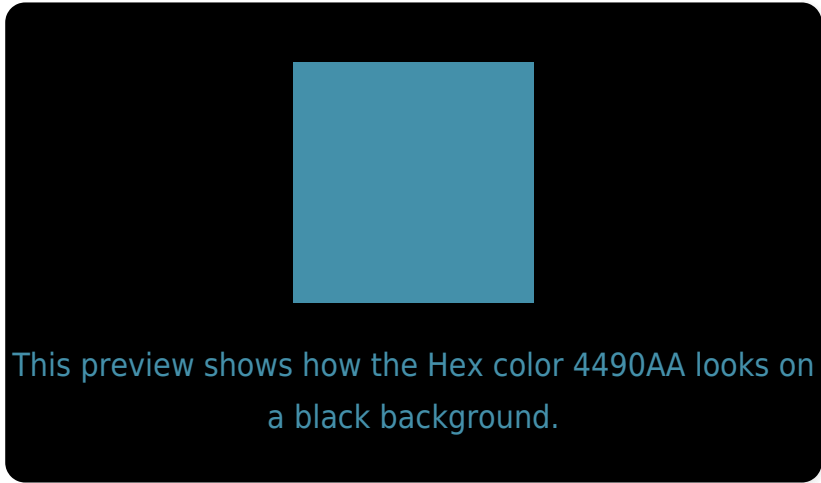
Large Text (above 18pt) WCAG AA ✓ Pass

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

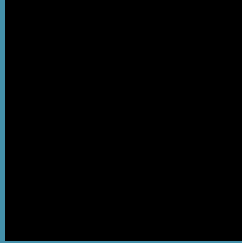
Any Text WCAG AA ✓ Pass

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 4490AA Background



This preview shows how black text looks on a background with the Hex color 4490AA.

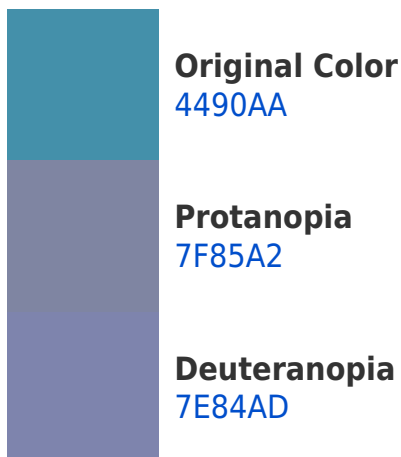


This preview shows how white text looks on a background with the Hex color 4490AA.

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](#).

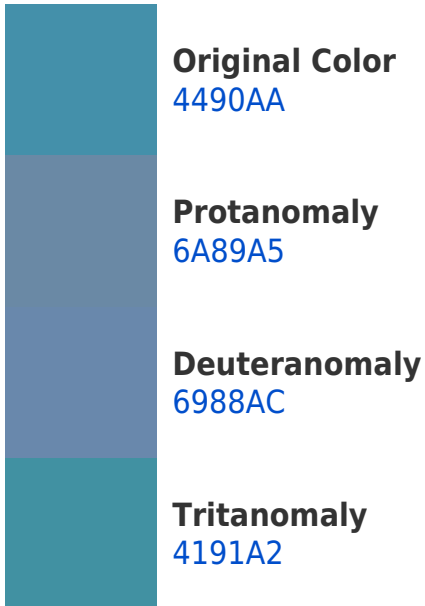
Dichromacy



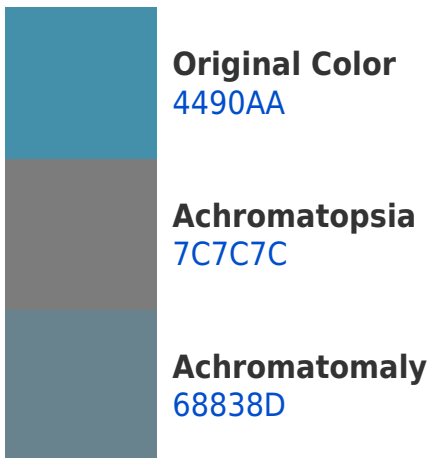


Tritanopia
3F929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4490AA 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 #4490AA looks like.

```
.text, #text, p{  
    color:#4490AA  
}
```

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 #4490AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4490AA
}
```

Border

The CSS property to change the border of an element to Hex 4490AA 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
#4490AA }
```

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

```
.border{ border-color:#4490AA }
```

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

Here you see how a box with a 4 pixel #4490AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4490AA; -webkit-box-shadow:4px 4px  
4px 4px #4490AA; box-shadow:4px 4px 4px  
4px #4490AA }
```

Background

The CSS property to change the background color of an element to Hex 4490AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4490AA }
```

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

```
.background{ background-color:#4490AA }
```

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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