

Converting Colors

Hex(449AC3)

Have a look what the booklet for
Hex(449AC3) contains.

Hex(449AC3)	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(449AC3)

Conversions

Conversions Part 1

Format	Color
Hex	449AC3
RGB	68, 154, 195
RGB Percent	27%, 60%, 76%
CMY	0.7333, 0.3961, 0.2353
CMYK	0.65, 0.21, 0.00, 0.24
HSL	199°, 51%, 52%
HSV	199°, 65%, 76%
XYZ	23.7898, 28.2803, 55.8345
YIQ	132.9600, -64.4170, -5.4810

Conversions

Conversions Part 2

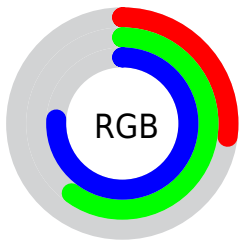
Format	Color
R _Y B	68, 119, 195
Decimal	4496067
CIE Lab	60.14, -13.09, -28.80
CIE LCh	60, 31.640, 245.561
Yxy	28.2803, 0.2205, 0.2621
Android (android.graphics.Color)	4282686147 (0xFF449AC3)
YUV	132.9600, 30.5857, -56.9699
Hunter-Lab	53.1792, -13.2113, -25.0250

Details

The Hex color **449AC3** 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 **C36D44**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **80D0FC**, and **00678D** is the 20% darker color. If you saturate the color by 10%, you get **3194C3**, and if you desaturate by 10%, it is **58A0C3**.

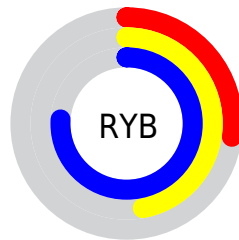
Distribution



Red (27%)

Green (60%)

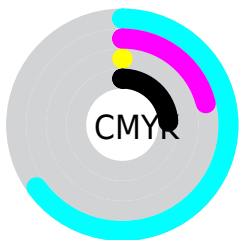
Blue (76%)



Red (27%)

Yellow (47%)

Blue (76%)

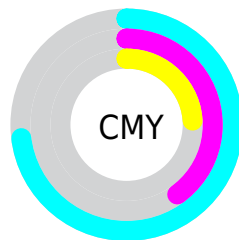


Cyan (65%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (73%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449AC3 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 449AC3 by changing the saturation by 10% instead.



449AC3



449AC3

FFFFFF



1E80A8



80D0FC



00678D



9EEDFF



004F73



BBFFFF



00385B



D9FFFF



002343



F7FFFF



00042D



000117



000000



449AC3



449AC3

■ 3194C3

■ 58A0C3

■ 1D8DC3

■ 6BA7C3

■ 0A87C3

■ 7FADC3

■ 0084C3

■ 92B3C3

■ A6B9C3

■ B9C0C3

■ CDC6C3

■ E0CCC3

■ F3D3C3

Harmonies

Analogous

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



269FB0



449AC3



7292C8

Triad

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



449AC3



C77B8D



819963

Complementary

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



449AC3



C36D44

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.



9F9159



449AC3



C57F72

Square

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



449AC3



B87FA9



B7875F



5F9E79

Rectangle

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



449AC3



8F8BC3



B7875F



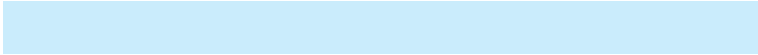
8B975E

Sweetspot

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



449AC3



CAECFC



44C36C



617680



000000



808080

Same Dimension

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



449AC3



38BDFC



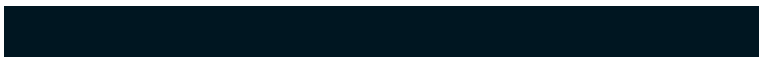
445BC3



575E61



006DA1



001621

Inverse Universe

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



C3449A



FC38BD



C3AC44



61575E



A1006D



210016

Previews

White Background



This preview shows how the Hex color 449AC3 looks on a white background.

Color Contrast Check

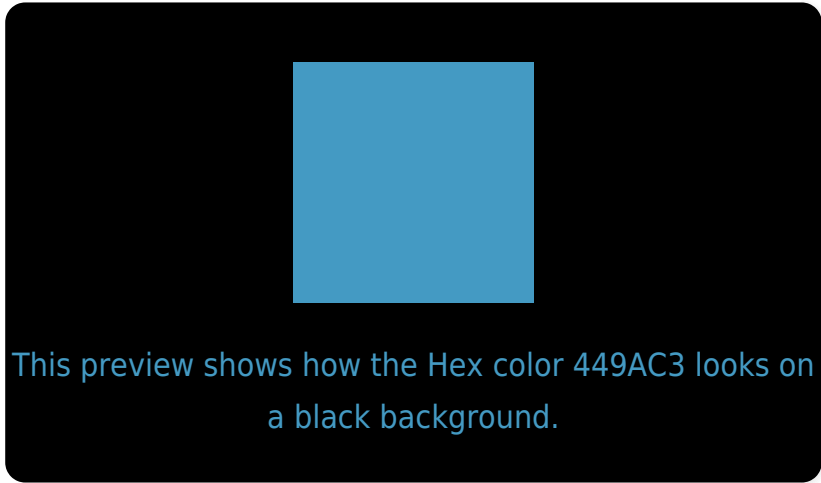
Large Text (above 18pt) WCAG AA ✓ Pass

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

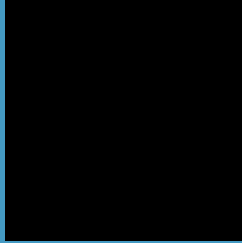
Any Text WCAG AA ✓ Pass

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 449AC3 Background



This preview shows how black text looks on a background with the Hex color 449AC3.

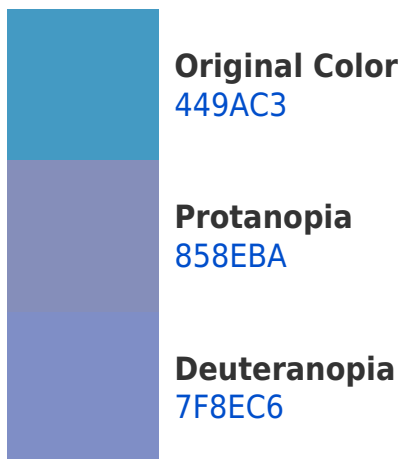


This preview shows how white text looks on a background with the Hex color 449AC3.

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](#).

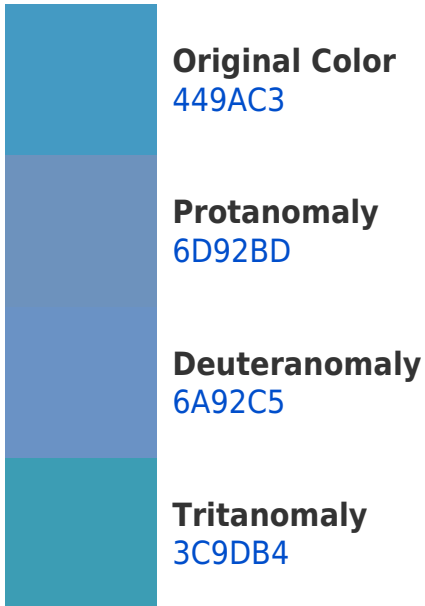
Dichromacy



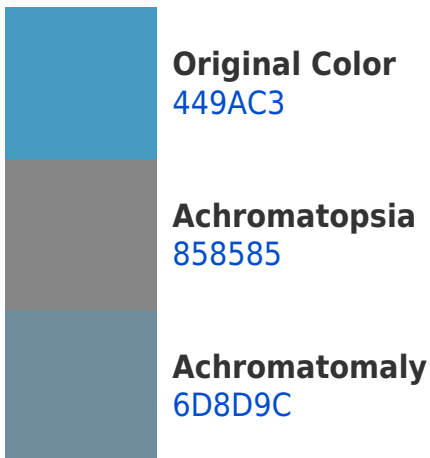


Tritanopia
379EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 449AC3 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 #449AC3 looks like.

```
.text, #text, p{  
    color:#449AC3  
}
```

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 #449AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449AC3
}
```

Border

The CSS property to change the border of an element to Hex 449AC3 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
#449AC3 }
```

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

```
.border{ border-color:#449AC3 }
```

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

Here you see how a box with a 4 pixel #449AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449AC3; -webkit-box-shadow:4px 4px  
4px 4px #449AC3; box-shadow:4px 4px 4px  
4px #449AC3 }
```

Background

The CSS property to change the background color of an element to Hex 449AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449AC3 }
```

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

```
.background{ background-color:#449AC3 }
```

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