

Converting Colors

Hex(0449AE)

Have a look what the booklet for
Hex(0449AE) contains.

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Color

Hex(0449AE)

Conversions

Conversions Part 1

Format	Color
Hex	0449AE
RGB	4, 73, 174
RGB Percent	2%, 29%, 68%
CMY	0.9843, 0.7137, 0.3176
CMYK	0.98, 0.58, 0.00, 0.32
HSL	216°, 96%, 35%
HSV	216°, 98%, 68%
XYZ	10.0726, 7.8469, 41.0281
YIQ	63.8830, -73.5450, 16.7830

Conversions

Conversions Part 2

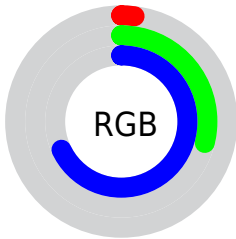
Format	Color
RYB	4, 53, 174
Decimal	281006
CIELab	33.66, 22.55, -58.83
CIELCh	34, 63.007, 290.973
Yxy	7.8469, 0.1709, 0.1331
Android (android.graphics.Color)	4278471086 (0xFF0449AE)
YUV	63.8830, 54.2877, -52.5174
Hunter-Lab	28.0123, 15.1631, -67.2303

Details

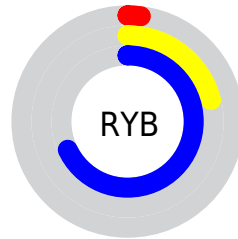
The Hex color **0449AE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AE6904**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5C79E6**, and **001F78** is the 20% darker color. If you saturate the color by 10%, you get **0047AE**, and if you desaturate by 10%, it is **1553AE**.

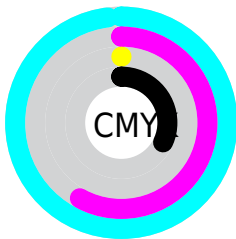
Distribution



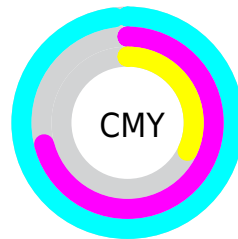
- Red (2%)
- Green (29%)
- Blue (68%)



- Red (2%)
- Yellow (21%)
- Blue (68%)



- Cyan (98%)
- Magenta (58%)
- Yellow (0%)
- Black (32%)



- Cyan (98%)
- Magenta (71%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0449AE 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 0449AE by changing the saturation by 10% instead.

■ 0449AE

■ 0449AE

FFFFFF

■ 003393

■ 5C79E6

■ 001F78

■ 7B92FF

■ 000A5F

■ 99ADFF

■ 000846

■ B6C8FF

■ 00042F

■ D4E4FF

■ 000119

■ F2FFFF

■ 000000

■ 0449AE

■ 0449AE

■ 0047AE

■ 1553AE

■ 275EAE

■ 3868AE

■ 4A72AE

■ 5B7DAE

■ 6C87AE

■ 7E91AE

■ 8F9CAE

■ A1A6AE

Harmonies

Analogous

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



005AB3



0449AE



7A2B8F

Triad

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



0449AE



902E00



00633E

Complementary

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



0449AE



AE6904

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.



005F00



0449AE



6E4800

Square

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



0449AE



A2002F



415700



006472

Rectangle

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



0449AE



960A71



415700



00622C

Sweetspot

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



0449AE



A1BCE3



04AE67



4B5B73



F2F2F2



737373

Same Dimension

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



0449AE



005CE3



1204AE



4E5257



003D96



000917

Inverse Universe

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



AE0449



E3005C



A0AE04



574E52



96003D



170009

Previews

White Background



This preview shows how the Hex color 0449AE looks on a white background.

Color Contrast Check

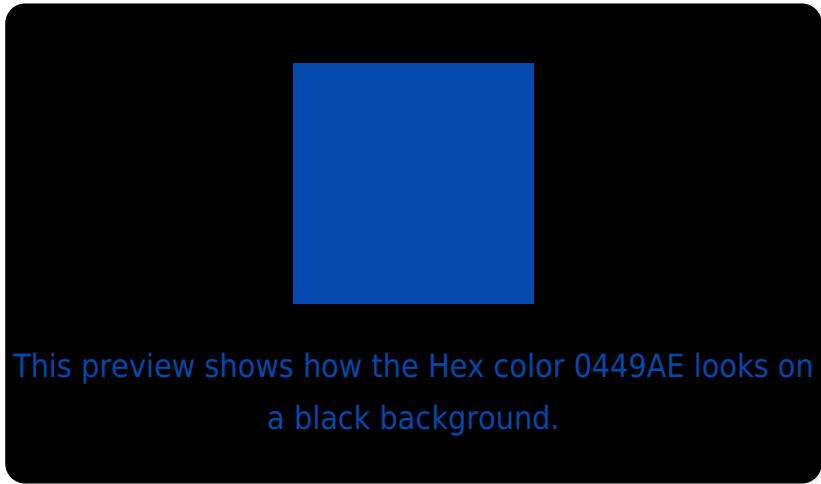
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

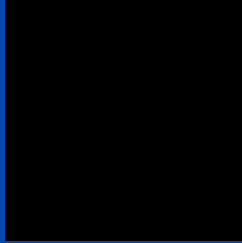
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0449AE Background



This preview shows how black text looks on a background with the Hex color 0449AE.



This preview shows how white text looks on a background with the Hex color 0449AE.

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



Original Color

0449AE

Protanopia

004CA2

Deuteranopia

00518B



Tritanopia
00585D

Trichromacy



Original Color
0449AE

Protanomaly
014BA6

Deuteranomaly
014E98

Tritanomaly
01537A

Monochromacy



Original Color
0449AE

Achromatopsia
404040

Achromatomaly
2A4368

CSS Examples

Text

The CSS property to change the color of the text to Hex 0449AE 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 #0449AE looks like.

```
.text, #text, p{  
    color:#0449AE  
}
```

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 #0449AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0449AE
}
```

Border

The CSS property to change the border of an element to Hex 0449AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

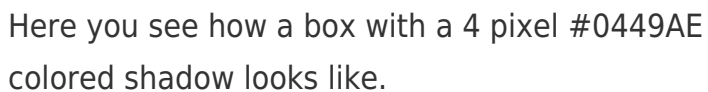
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0449AE }
```

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

```
.border{ border-color:#0449AE }
```

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



Here you see how a box with a 4 pixel #0449AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0449AE; -webkit-box-shadow:4px 4px  
4px 4px #0449AE; box-shadow:4px 4px 4px  
4px #0449AE }
```

Background

The CSS property to change the background color of an element to Hex 0449AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0449AE }
```

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

```
.background{ background-color:#0449AE }
```

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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