

# Converting Colors

Hex(7469AE)

Have a look what the booklet for  
Hex(7469AE) contains.

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# Color

**Hex(7469AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7469AE
RGB	116, 105, 174
RGB Percent	45%, 41%, 68%
CMY	0.5451, 0.5882, 0.3176
CMYK	0.33, 0.40, 0.00, 0.32
HSL	250°, 30%, 55%
HSV	250°, 40%, 68%
XYZ	19.8940, 16.8721, 42.2525
YIQ	116.1550, -15.5930, 23.7910

# Conversions

## Conversions Part 2

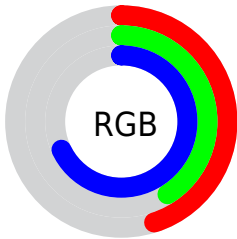
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 105, 174
Decimal	7629230
CIE <sub>Lab</sub>	48.10, 20.58, -35.36
CIE <sub>LCh</sub>	48, 40.918, 300.199
Yxy	16.8721, 0.2518, 0.2135
Android (android.graphics.Color)	4285819310 (0xFF7469AE)
YUV	116.1550, 28.5176, -0.1359
Hunter-Lab	41.0757, 14.5696, -32.2356

# Details

The Hex color **7469AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A3AE69**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AA9CE6**, and **413A79** is the 20% darker color. If you saturate the color by 10%, you get **6558AE**, and if you desaturate by 10%, it is **837AAE**.

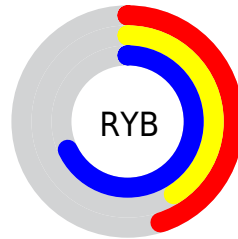
# Distribution



Red (45%)

Green (41%)

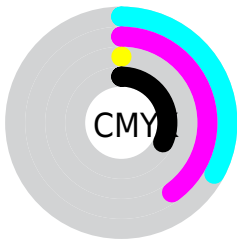
Blue (68%)



Red (45%)

Yellow (41%)

Blue (68%)

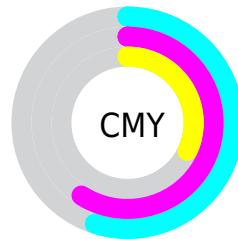


Cyan (33%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (59%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7469AE 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 7469AE by changing the saturation by 10% instead.



■ 7469AE

■ 7469AE

FFFFFF

■ 5A5193

■ AA9CE6

■ 413A79

■ C6B7FF

■ 272460

■ E2D3FF

■ 091048

■ FFEFFF

■ 000031

■ 00011B

■ 000000

■ 7469AE

■ 7469AE

■ 6558AE

■ 837AAE

5746AE

918CAE

4835AE

A09DAE

3923AE

AFAFAE

2B12AE

BDC0AE

1C01AE

CCD1AE

1C00AE

DAE3AE

E9F4AE

F8FFAE

# Harmonies

## Analogous

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



2C76B7



7469AE



9D5C95

# Triad

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



7469AE



A16436



008371

# Complementary

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



7469AE



A3AE69

# 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.



34814E



7469AE



86702A

# Square

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



7469AE



B15851



637A33



008394

# Rectangle

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



7469AE



AC557F



637A33



008365



# Sweetspot

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



7469AE



CCC8E3



69A4AE



656373



F2F2F2



737373



# Same Dimension

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



7469AE



8776E3



9669AE



4F4E57



180096



040017



# Inverse Universe

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



AE69A3



E376D2



81AE69



574E55



96007E

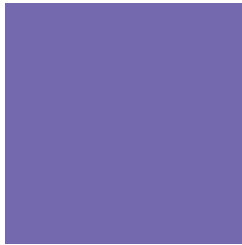


170013



# Previews

## White Background



This preview shows how the Hex color 7469AE looks on a white background.

## Color Contrast Check

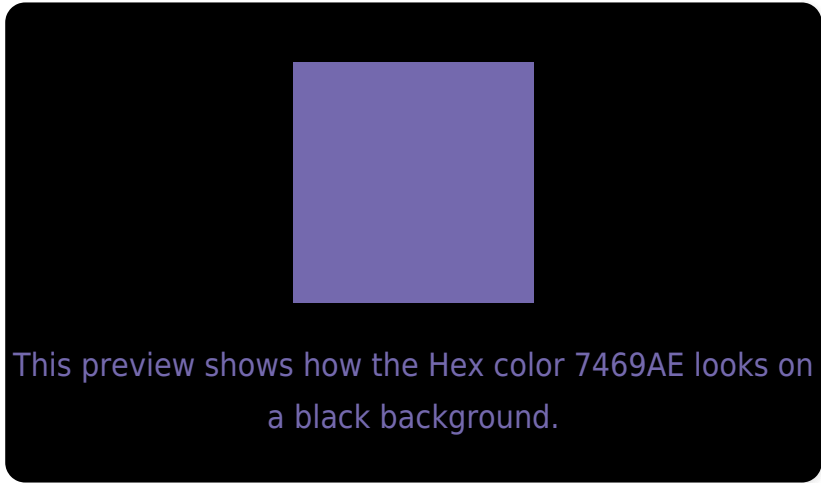
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7469AE Background



This preview shows how black text looks on a background with the Hex color 7469AE.



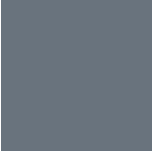
This preview shows how white text looks on a background with the Hex color 7469AE.

# 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**  
69737D

# Trichromacy



**Original Color**  
7469AE

**Protanomaly**  
636DB2

**Deuteranomaly**  
626FAD

**Tritanomaly**  
6D6F8F

# Monochromacy



**Original Color**  
7469AE

**Achromatopsia**  
747474

**Achromatomaly**  
747089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7469AE 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 #7469AE looks like.

```
.text, #text, p{  
    color:#7469AE  
}
```

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 #7469AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7469AE
}
```

## Border

The CSS property to change the border of an element to Hex 7469AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

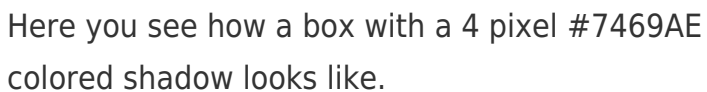
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7469AE }
```

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

```
.border{ border-color:#7469AE }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4px wide and 4px high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #7469AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7469AE; -webkit-box-shadow:4px 4px  
4px 4px #7469AE; box-shadow:4px 4px 4px  
4px #7469AE }
```

# Background

The CSS property to change the background color of an element to Hex 7469AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7469AE }
```

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

```
.background{ background-color:#7469AE }
```

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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