

# Converting Colors

Hex(4A7CDE)

Have a look what the booklet for  
Hex(4A7CDE) contains.

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# Color

**Hex(4A7CDE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A7CDE
RGB	74, 124, 222
RGB Percent	29%, 49%, 87%
CMY	0.7098, 0.5137, 0.1294
CMYK	0.67, 0.44, 0.00, 0.13
HSL	220°, 69%, 58%
HSV	220°, 67%, 87%
XYZ	23.2165, 21.1451, 71.9650
YIQ	120.2220, -61.2580, 19.8780

# Conversions

## Conversions Part 2

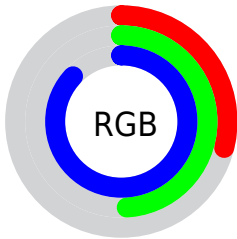
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 111, 222
Decimal	4881630
CIE Lab	53.11, 14.67, -55.06
CIE LCh	53, 56.984, 284.922
Yxy	21.1451, 0.1996, 0.1818
Android (android.graphics.Color)	4283071710 (0xFF4A7CDE)
YUV	120.2220, 50.1766, -40.5367
Hunter-Lab	45.9838, 9.6503, -60.6007

# Details

The Hex color **4A7CDE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DEAC4A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **89B0FF**, and **004CA6** is the 20% darker color. If you saturate the color by 10%, you get **346DDE**, and if you desaturate by 10%, it is **608BDE**.

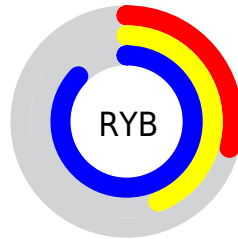
# Distribution



Red (29%)

Green (49%)

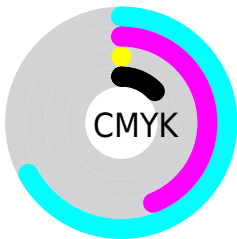
Blue (87%)



Red (29%)

Yellow (44%)

Blue (87%)

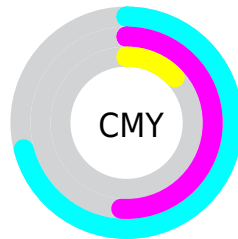


Cyan (67%)

Magenta (44%)

Yellow (0%)

Black (13%)



Cyan (71%)

Magenta (51%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7CDE 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 4A7CDE by changing the saturation by 10% instead.



 4A7CDE

 4A7CDE

FFFFFF

 2263C2

 89B0FF

 004CA6

 A7CBFF

 00368B

 C5E7FF

 002271

 E3FFFF

 000C58

 000740

 000329

 000113

 000000

■ 4A7CDE

■ 4A7CDE

■ 346DDE

■ 608BDE

■ 1E5FDE

■ 7699DE

■ 0750DE

■ 8DA8DE

■ 004BDE

■ A3B7DE

■ B9C6DE

■ CFD4DE

■ E5E3DE

■ FCF2DE

■ FFFFDE

# Harmonies

## Analogous

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



008BDD



4A7CDE



A067C5

# Triad

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



4A7CDE



CB5F3B



009464

# Complementary

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



4A7CDE



DEAC4A

# 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.



478F34



4A7CDE



AC7315

# Square

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



4A7CDE



D74F68



80840E



009697

# Rectangle

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



4A7CDE



C059A9



80840E



009353



# Sweetspot

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



4A7CDE



CCDDFF



4ADEAA



616B80



000000



808080



# Same Dimension

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



4A7CDE



3378FF



604ADE



656970



003BB0



001030



# Inverse Universe

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



DE4A7C



FF3378



C8DE4A



706569



B0003B



300010



# Previews

## White Background



This preview shows how the Hex color 4A7CDE looks on a white background.

## Color Contrast Check

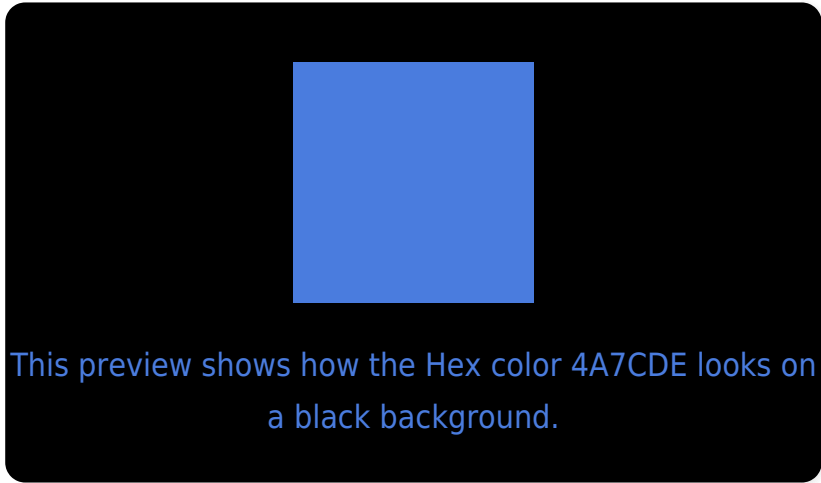
Large Text (above 18pt) WCAG AA ✓ Pass

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

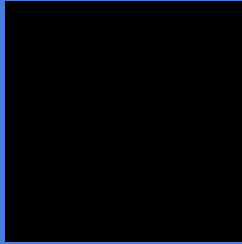
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

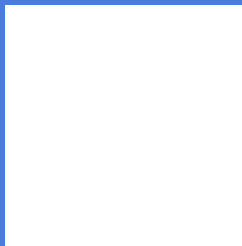
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A7CDE Background



This preview shows how black text looks on a background with the Hex color 4A7CDE.

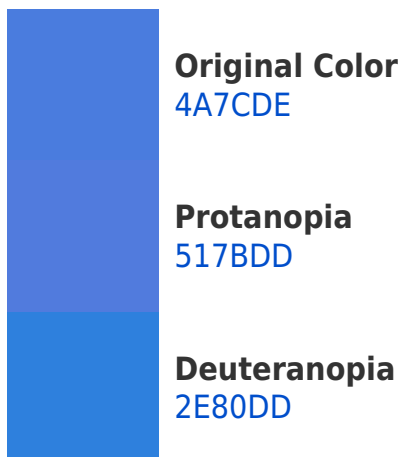


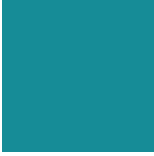
This preview shows how white text looks on a background with the Hex color 4A7CDE.

# 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](#).

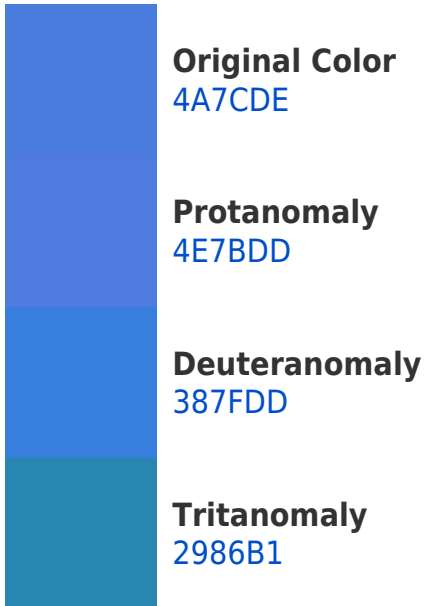
## Dichromacy





**Tritanopia**  
168C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7CDE 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 #4A7CDE looks like.

```
.text, #text, p{  
    color:#4A7CDE  
}
```

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 #4A7CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7CDE
}
```

## Border

The CSS property to change the border of an element to Hex 4A7CDE 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
#4A7CDE }
```

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

```
.border{ border-color:#4A7CDE }
```

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

Here you see how a box with a 4 pixel #4A7CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7CDE; -webkit-box-shadow:4px 4px  
4px 4px #4A7CDE; box-shadow:4px 4px 4px  
4px #4A7CDE }
```

# Background

The CSS property to change the background color of an element to Hex 4A7CDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7CDE }
```

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

```
.background{ background-color:#4A7CDE }
```

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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