

# Converting Colors

Hex(4A7ED7)

Have a look what the booklet for  
Hex(4A7ED7) contains.

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# Color

**Hex(4A7ED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7ED7
RGB	74, 126, 215
RGB Percent	29%, 49%, 84%
CMY	0.7098, 0.5059, 0.1569
CMYK	0.66, 0.41, 0.00, 0.16
HSL	218°, 64%, 57%
HSV	218°, 66%, 84%
XYZ	22.5506, 21.2839, 67.2096
YIQ	120.5980, -59.5610, 16.6550

# Conversions

## Conversions Part 2

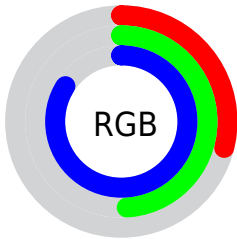
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 112, 215
Decimal	4882135
CIE Lab	53.26, 11.01, -50.88
CIE LCh	53, 52.054, 282.206
Yxy	21.2839, 0.2031, 0.1917
Android (android.graphics.Color)	4283072215 (0xFF4A7ED7)
YUV	120.5980, 46.5402, -40.8664
Hunter-Lab	46.1344, 6.5161, -54.0809

# Details

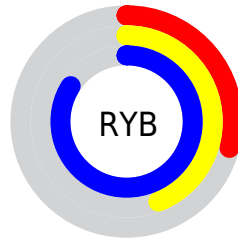
The Hex color **4A7ED7** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D7A34A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **87B2FF**, and **004EA0** is the 20% darker color. If you saturate the color by 10%, you get **3470D7**, and if you desaturate by 10%, it is **5F8CD7**.

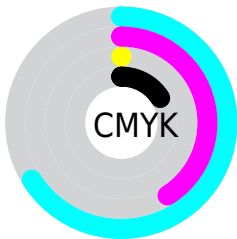
# Distribution



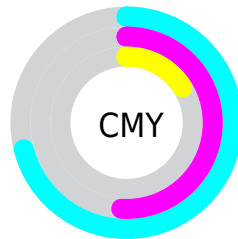
- Red (29%)
- Green (49%)
- Blue (84%)



- Red (29%)
- Yellow (44%)
- Blue (84%)



- Cyan (66%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (71%)
- Magenta (51%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7ED7 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 4A7ED7 by changing the saturation by 10% instead.



■ 4A7ED7

■ 4A7ED7

FFFFFF

■ 2465BB

■ 87B2FF

■ 004EA0

■ A5CEFF

■ 003885

■ C3EAFF

■ 00236B

■ E1FFFF

■ 000D52

■ 00063A

■ 000224

■ 00000C

■ 000000

■ 4A7ED7

■ 4A7ED7

■ 3470D7

■ 5F8CD7

■ 1F63D7

■ 7599D7

■ 0955D7

■ 8BA7D7

■ 004FD7

■ A0B4D7

■ B5C2D7

■ CBCFD7

■ E0DDD7

■ F6EBD7

■ FFF8D7

# Harmonies

## Analogous

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



008BD4



4A7ED7



996BC2

# Triad

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



4A7ED7



C86145



009362

# Complementary

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



4A7ED7



D7A34A

# 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.



548D39



4A7ED7



AD7325

# Square

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



4A7ED7



D1566F



86831E



009591

# Rectangle

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



4A7ED7



B85FAA



86831E



1B9253



# Sweetspot

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



4A7ED7



CCDFFF



4AD7A1



616C80



000000



808080



# Same Dimension

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



4A7ED7



3680FF



5A4AD7



60646B



003FAB



00102B



# Inverse Universe

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



D74A7E



FF3680



C7D74A



6B6064



AB003F

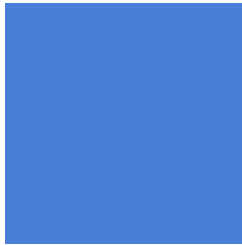


2B0010



# Previews

## White Background



This preview shows how the Hex color 4A7ED7 looks on a white background.

## Color Contrast Check

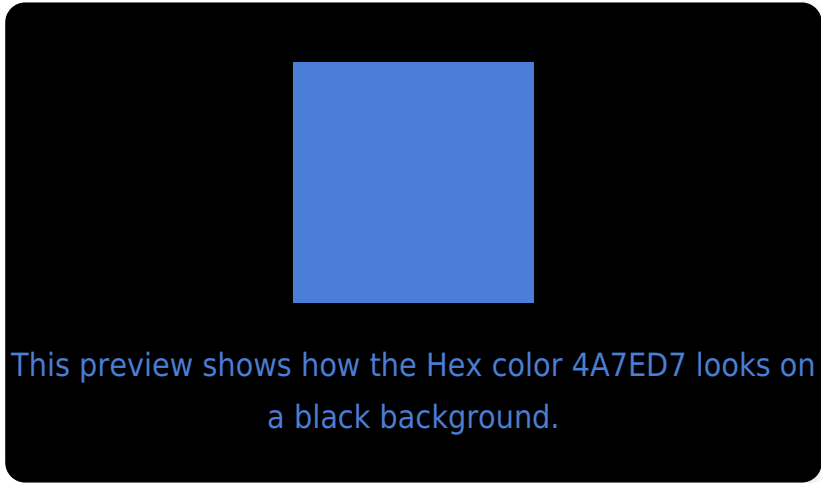
Large Text (above 18pt) WCAG AA ✓ Pass

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

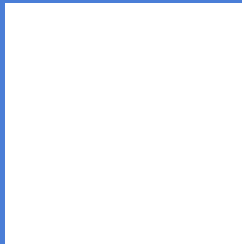
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A7ED7 Background



This preview shows how black text looks on a background with the Hex color 4A7ED7.

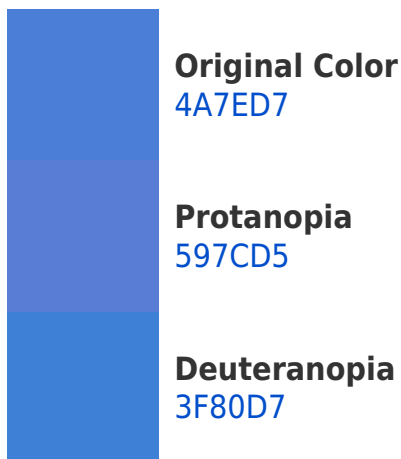


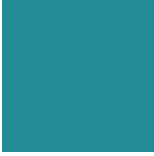
This preview shows how white text looks on a background with the Hex color 4A7ED7.

# 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](#).

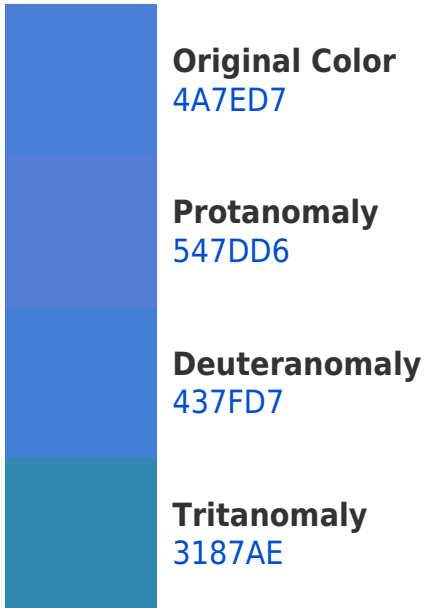
## Dichromacy





**Tritanopia**  
228C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7ED7 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 #4A7ED7 looks like.

```
.text, #text, p{  
    color:#4A7ED7  
}
```

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 #4A7ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7ED7
}
```

## Border

The CSS property to change the border of an element to Hex 4A7ED7 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
#4A7ED7 }
```

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

```
.border{ border-color:#4A7ED7 }
```

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

Here you see how a box with a 4 pixel #4A7ED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7ED7; -webkit-box-shadow:4px 4px  
4px 4px #4A7ED7; box-shadow:4px 4px 4px  
4px #4A7ED7 }
```

# Background

The CSS property to change the background color of an element to Hex 4A7ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7ED7 }
```

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

```
.background{ background-color:#4A7ED7 }
```

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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