

# Converting Colors

Hex(7CAAE5)

Have a look what the booklet for  
Hex(7CAAEE5) contains.

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# **Color**

**Hex(7CAAE5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CAAE5
RGB	124, 170, 229
RGB Percent	49%, 67%, 90%
CMY	0.5137, 0.3333, 0.1020
CMYK	0.46, 0.26, 0.00, 0.10
HSL	214°, 67%, 69%
HSV	214°, 46%, 90%
XYZ	36.8298, 38.6917, 79.6558
YIQ	162.9720, -46.3550, 8.5970

# Conversions

## Conversions Part 2

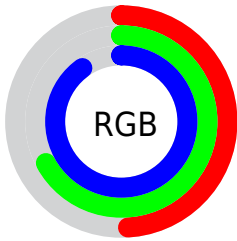
Format	Color
<a href="#">RYB</a>	<a href="#">124, 156, 229</a>
Decimal	<a href="#">8170213</a>
CIELab	<a href="#">68.53, 0.18, -34.47</a>
CIElCh	<a href="#">69, 34.475, 270.299</a>
Yxy	<a href="#">38.6917, 0.2373, 0.2493</a>
Android (android.graphics.Color)	<a href="#">4286360293 (0xFF7CAAE5)</a>
YUV	<a href="#">162.9720, 32.5518, -34.1784</a>
Hunter-Lab	<a href="#">62.2026, -3.1660, -32.3841</a>

# Details

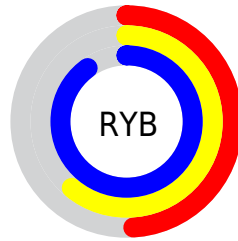
The Hex color **7CAAE5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E5B77C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B5E1FF**, and **4376AD** is the 20% darker color. If you saturate the color by 10%, you get **659DE5**, and if you desaturate by 10%, it is **93B7E5**.

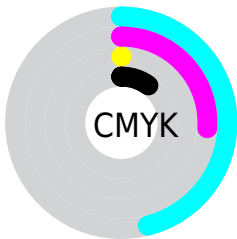
# Distribution



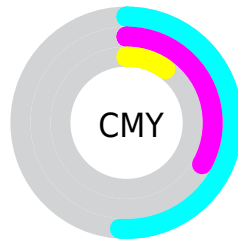
- Red (49%)
- Green (67%)
- Blue (90%)



- Red (49%)
- Yellow (61%)
- Blue (90%)



- Cyan (46%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (33%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CAAE5 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 7CAAE5 by changing the saturation by 10% instead.



7CAAE5

7CAAE5

FFFFFF

6090C9

B5E1FF

4376AD

D2FEFF

235E92

FFFFFF

004679

00305F

001C47

000431

00011B

000000

■ 7CAAE5

■ 7CAAE5

■ 659DE5

■ 93B7E5

■ 4E90E5

■ AAC4E5

■ 3783E5

■ C1D1E5

■ 2077E5

■ D8DDE5

■ 0A6AE5

■ EFEAE5

■ 0064E5

■ FFF7E5

■ FFFF5

# Harmonies

## Analogous

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



4AB2DC



7CAA5



AB9FDD

# Triad

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



7CAA E5



E392 89



76B5 87

# Complementary

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



7CAA E5



E5B7 7C

# 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.



9BAF70



7CAA E5



D59B72

# Square

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



7CAA E5



E28F A8



BCA5 68



4FB8 A6

# Rectangle

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



7CAA E5



C598 CF



BCA5 68



83B3 7E

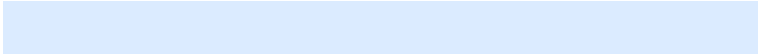


# Sweetspot

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



7CAA E5



DBEB FF



7CE5 B6



6A73 80



0000 00



8080 80

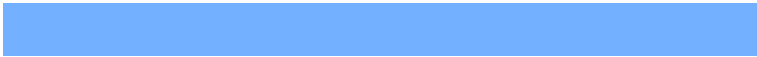


# Same Dimension

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



7CAA E5



73B0 FF



817C E5



676C 73



004E B3



0016 33



# Inverse Universe

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



E57CAA



FF73B0



E0E57C



73676C



B3004E

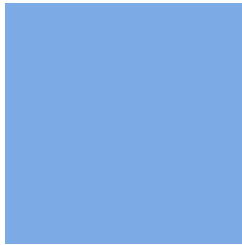


330016



# Previews

## White Background



This preview shows how the Hex color 7CAAE5 looks on a white background.

## Color Contrast Check

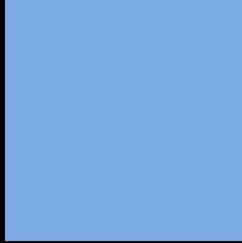
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7CAAE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

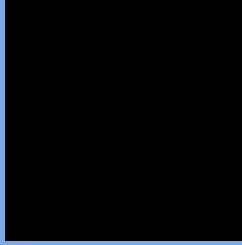
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

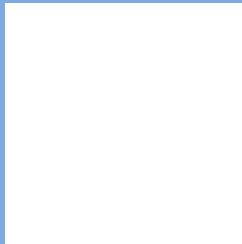
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CAAE5 Background



This preview shows how black text looks on a background with the Hex color 7CAAE5.

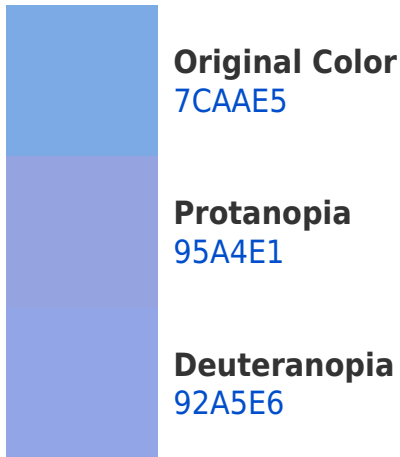


This preview shows how white text looks on a background with the Hex color 7CAAE5.

# 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](#).

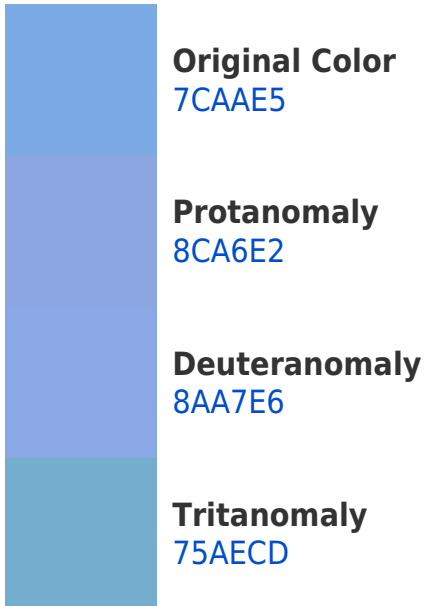
## Dichromacy



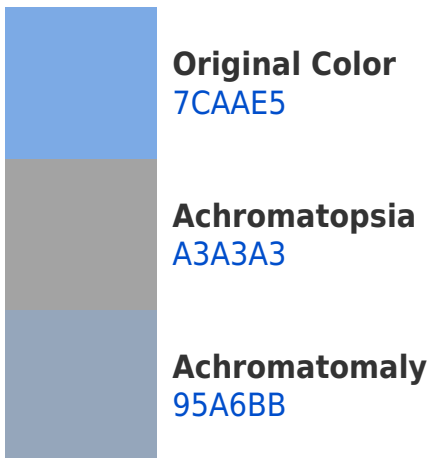


**Tritanopia**  
71B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CAAE5 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 #7CAAE5 looks like.

```
.text, #text, p{  
    color:#7CAAE5  
}
```

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 #7CAAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAAE5
}
```

## Border

The CSS property to change the border of an element to Hex 7CAAE5 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
#7CAAE5 }
```

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

```
.border{ border-color:#7CAAE5 }
```

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

Here you see how a box with a 4 pixel #7CAAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAAE5; -webkit-box-shadow:4px 4px  
4px 4px #7CAAE5; box-shadow:4px 4px 4px  
4px #7CAAE5 }
```

# Background

The CSS property to change the background color of an element to Hex 7CAAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAAE5 }
```

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

```
.background{ background-color:#7CAAE5 }
```

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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