

# Converting Colors

Hex(3CA9ED)

Have a look what the booklet for  
Hex(3CA9ED) contains.

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# **Color**

**Hex(3CA9ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CA9ED
RGB	60, 169, 237
RGB Percent	24%, 66%, 93%
CMY	0.7647, 0.3373, 0.0706
CMYK	0.75, 0.29, 0.00, 0.07
HSL	203°, 83%, 58%
HSV	203°, 75%, 93%
XYZ	31.3375, 35.4510, 85.3118
YIQ	144.1610, -86.7920, -1.9600

# Conversions

## Conversions Part 2

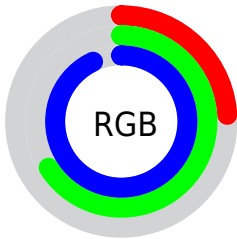
Format	Color
R <sub>YB</sub>	60, 127, 237
Decimal	3975661
CIE Lab	66.10, -8.45, -42.83
CIE LCh	66, 43.657, 258.835
Yxy	35.4510, 0.2060, 0.2331
Android (android.graphics.Color)	4282165741 (0xFF3CA9ED)
YUV	144.1610, 45.7696, -73.8092
Hunter-Lab	59.5408, -10.2482, -43.2740

# Details

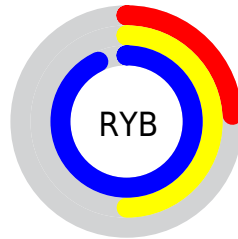
The Hex color **3CA9ED** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **ED803C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **82E0FF**, and **0075B5** is the 20% darker color. If you saturate the color by 10%, you get **24A0ED**, and if you desaturate by 10%, it is **54B2ED**.

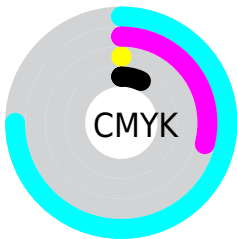
# Distribution



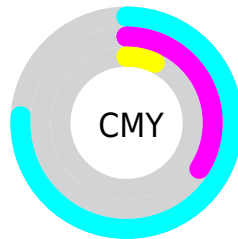
- Red (24%)
- Green (66%)
- Blue (93%)



- Red (24%)
- Yellow (50%)
- Blue (93%)



- Cyan (75%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (76%)
- Magenta (34%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CA9ED 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 3CA9ED by changing the saturation by 10% instead.



■ 3CA9ED

■ 3CA9ED

FFFFFF

■ 008FD1

■ 82E0FF

■ 0075B5

■ A1FDFF

■ 005D9A

■ C0FFFF

■ 00457F

■ DFFFFFF

■ 002F66

FEFFFF

■ 001C4D

■ 000536

■ 000220

■ 000004

■ 3CA9ED

■ 3CA9ED

■ 24A0ED

■ 54B2ED

■ 0D97ED

■ 6BBBED

■ 0092ED

■ 83C4ED

■ 9BCDED

■ B3D7ED

■ CAE0ED

■ E2E9ED

■ FAF2ED

■ FFFBED

# Harmonies

## Analogous

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



00B1DB



3CA9ED



8D9CEB

# Triad

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



3CA9ED



EC8289



73AF6B

# Complementary

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



3CA9ED



ED803C

# 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.



A0A654



3CA9ED



E08B67

# Square

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



3CA9ED



E382B1



C69953



36B490

# Rectangle

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



3CA9ED



B392DE



C69953



83AD62

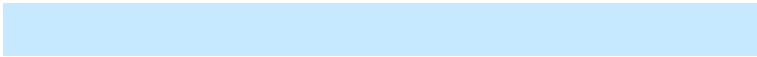


# Sweetspot

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



3CA9ED



C7E9FF



3CED80



5E7380



000000



808080



# Same Dimension

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



3CA9ED



19A7FF



3C51ED



6A7175



006FB5



002136



# Inverse Universe

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



ED3CA9



FF19A7



EDD83C



756A71



B5006F

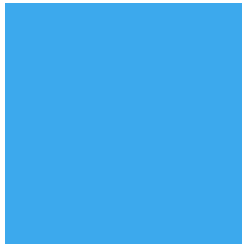


360021



# Previews

## White Background



This preview shows how the Hex color 3CA9ED looks on a white background.

## Color Contrast Check

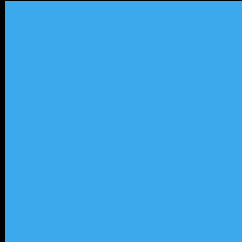
Large Text (above 18pt) WCAG AA × Fail

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 3CA9ED 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

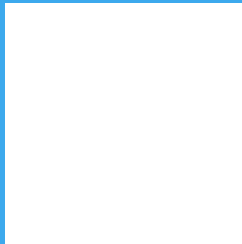
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CA9ED Background



This preview shows how black text looks on a background with the Hex color 3CA9ED.

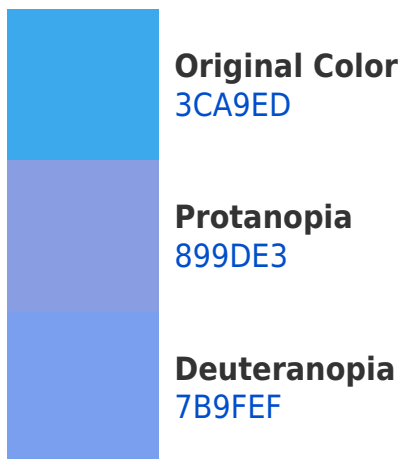


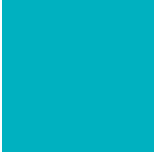
This preview shows how white text looks on a background with the Hex color 3CA9ED.

# 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](#).

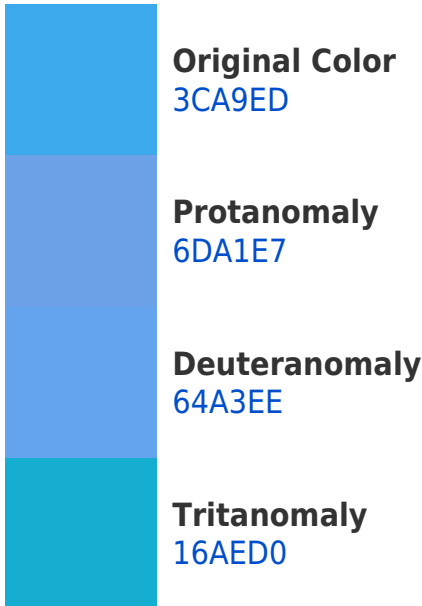
## Dichromacy



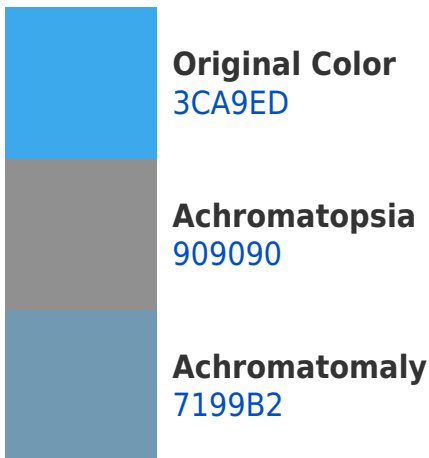


**Tritanopia**  
00B1C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CA9ED 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 #3CA9ED looks like.

```
.text, #text, p{  
    color:#3CA9ED  
}
```

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 #3CA9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA9ED
}
```

## Border

The CSS property to change the border of an element to Hex 3CA9ED 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
#3CA9ED }
```

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

```
.border{ border-color:#3CA9ED }
```

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

Here you see how a box with a 4 pixel #3CA9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA9ED; -webkit-box-shadow:4px 4px  
4px 4px #3CA9ED; box-shadow:4px 4px 4px  
4px #3CA9ED }
```

# Background

The CSS property to change the background color of an element to Hex 3CA9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA9ED }
```

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

```
.background{ background-color:#3CA9ED }
```

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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