

Converting Colors

Hex(3AC3ED)

Have a look what the booklet for
Hex(3AC3ED) contains.

Hex(3AC3ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AC3ED)

Conversions

Conversions Part 1

Format	Color
Hex	3AC3ED
RGB	58, 195, 237
RGB Percent	23%, 76%, 93%
CMY	0.7725, 0.2353, 0.0706
CMYK	0.76, 0.18, 0.00, 0.07
HSL	194°, 83%, 58%
HSV	194°, 76%, 93%
XYZ	36.5461, 46.0442, 87.0820
YIQ	158.8250, -95.1340, -15.9820

Conversions

Conversions Part 2

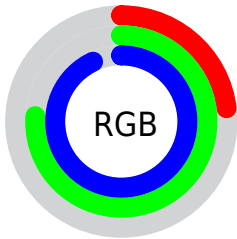
Format	Color
RYB	58, 136, 237
Decimal	3851245
CIELab	73.57, -22.51, -31.21
CIELCh	74, 38.480, 234.195
Yxy	46.0442, 0.2154, 0.2714
Android (android.graphics.Color)	4282041325 (0xFF3AC3ED)
YUV	158.8250, 38.5403, -88.4235
Hunter-Lab	67.8559, -22.6105, -28.5900

Details

The Hex color **3AC3ED** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **ED643A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **82FCFF**, and **008DB5** is the 20% darker color. If you saturate the color by 10%, you get **22BDED**, and if you desaturate by 10%, it is **52C9ED**.

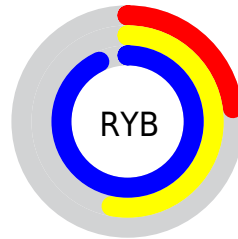
Distribution



Red (23%)

Green (76%)

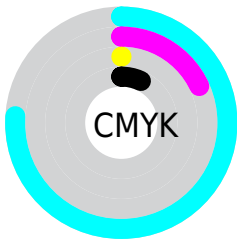
Blue (93%)



Red (23%)

Yellow (53%)

Blue (93%)

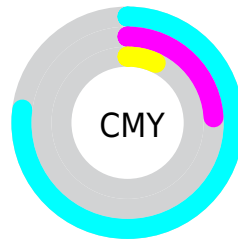


Cyan (76%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC3ED 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 3AC3ED by changing the saturation by 10% instead.

 3AC3ED

 3AC3ED

FFFFFF

 00A8D1

 82FCFF

 008DB5

 A2FFFF

 00739A

 C1FFFF

 005B80

 E0FFFF

 004367

 002C4E

 001837

 000222

 000007

■ 3AC3ED

■ 3AC3ED

■ 22BDED

■ 52C9ED

■ 0BB8ED

■ 69CEED

■ 00B5ED

■ 81D4ED

■ 99D9ED

■ B0DFED

■ C8E4ED

■ E0EAED

■ F8EFED

■ FFF5ED

Harmonies

Analogous

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



2AC7D0



3AC3ED



76BAFA

Triad

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



3AC3ED



F49ABD



AFBB73

Complementary

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



3AC3ED



ED643A

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.



D2B06E



3AC3ED



FA9B9A

Square

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



3AC3ED



DBA2DE



EDA47D



86C38A

Rectangle

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



3AC3ED



9DB2F9



EDA47D



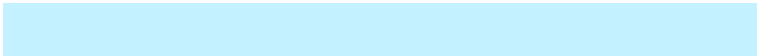
BBB86F

Sweetspot

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



3AC3ED



C4F1FF



3AED64



5C7780



000000



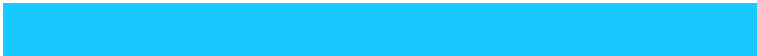
808080

Same Dimension

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



3AC3ED



17C9FF



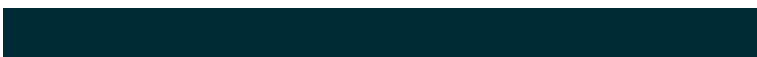
3A6AED



6A7375



008BB5



002936

Inverse Universe

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



ED3AC3



FF17C9



EDBD3A



756A73



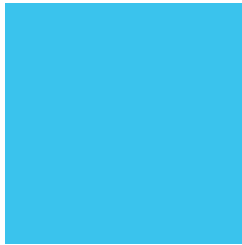
B5008B



360029

Previews

White Background



This preview shows how the Hex color 3AC3ED looks on a white background.

Color Contrast Check

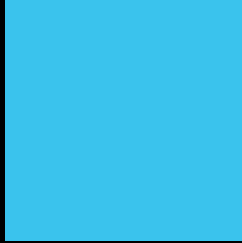
Large Text (above 18pt) WCAG AA × Fail

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 3AC3ED 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 3AC3ED Background



This preview shows how black text looks on a background with the Hex color 3AC3ED.

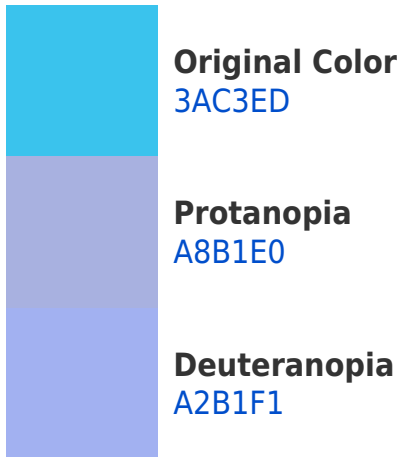


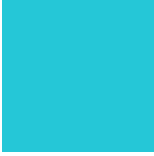
This preview shows how white text looks on a background with the Hex color 3AC3ED.

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](#).

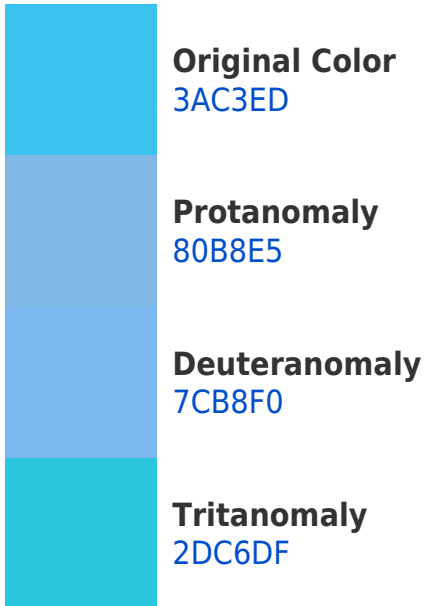
Dichromacy



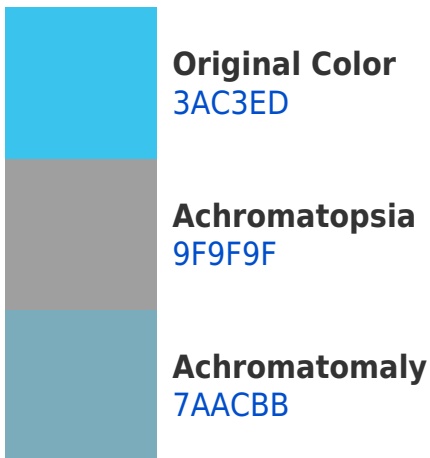


Tritanopia
25C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC3ED 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 #3AC3ED looks like.

```
.text, #text, p{  
    color:#3AC3ED  
}
```

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 #3AC3ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC3ED
}
```

Border

The CSS property to change the border of an element to Hex 3AC3ED 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
#3AC3ED }
```

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

```
.border{ border-color:#3AC3ED }
```

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

Here you see how a box with a 4 pixel #3AC3ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC3ED; -webkit-box-shadow:4px 4px  
4px 4px #3AC3ED; box-shadow:4px 4px 4px  
4px #3AC3ED }
```

Background

The CSS property to change the background color of an element to Hex 3AC3ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC3ED }
```

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

```
.background{ background-color:#3AC3ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor