

# Converting Colors

Hex(3AE5EB)

Have a look what the booklet for  
Hex(3AE5EB) contains.

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# **Color**

**Hex(3AE5EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AE5EB
RGB	58, 229, 235
RGB Percent	23%, 90%, 92%
CMY	0.7725, 0.1020, 0.0784
CMYK	0.75, 0.03, 0.00, 0.08
HSL	182°, 82%, 57%
HSV	182°, 75%, 92%
XYZ	44.7596, 62.9363, 88.3861
YIQ	178.5550, -103.8420, -34.3860

# Conversions

## Conversions Part 2

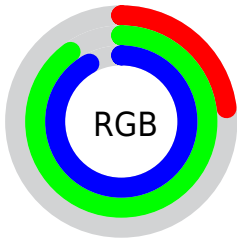
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 145, 235
Decimal	3859947
CIELab	83.41, -39.48, -15.17
CIElCh	83, 42.299, 201.022
Yxy	62.9363, 0.2283, 0.3210
Android (android.graphics.Color)	4282050027 (0xFF3AE5EB)
YUV	178.5550, 27.8274, -105.7267
Hunter-Lab	79.3324, -38.1214, -10.5237

# Details

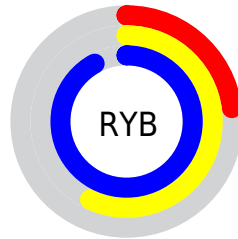
The Hex color **3AE5EB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB403A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **85FFFF**, and **00ADB3** is the 20% darker color. If you saturate the color by 10%, you get **23E4EB**, and if you desaturate by 10%, it is **52E6EB**.

# Distribution



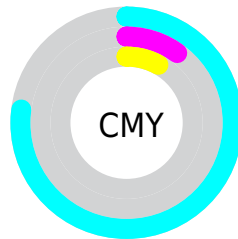
- Red (23%)
- Green (90%)
- Blue (92%)



- Red (23%)
- Yellow (57%)
- Blue (92%)



- Cyan (75%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (77%)
- Magenta (10%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AE5EB 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 3AE5EB by changing the saturation by 10% instead.



 3AE5EB

 3AE5EB

FFFFFF

 00C9CF

 85FFFF

 00ADB3

 A5FFFF

 009299

 C5FFFF

 00787F

 E5FFFF

 005E66

 00464E

 002E37

 001522

 000009

 3AE5EB

 3AE5EB


 23E4EB

 52E6EB

 0BE3EB

 69E7EB

 00E3EB

 81E7EB

 98E8EB

 B0E9EB

 C7EAEB

 DFE8EB

 F6EBEB

 FFECEB

# Harmonies

## Analogous

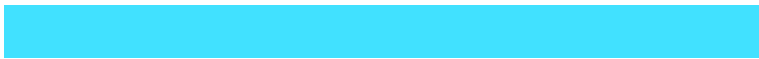
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DE5C2



3AE5EB



41E1FF

# Triad

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



3AE5EB



F6BCFF



F5C981

# Complementary

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



3AE5EB



EB403A

# 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.



FFBC93



3AE5EB



FFB2DE

# Square

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



3AE5EB



C3CAFF



FFB2B5



CED684

# Rectangle

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



3AE5EB



6CDBFF



FFB2B5



FFC585

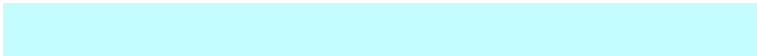


# Sweetspot

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



3AE5EB



C4FDFD



3AEB40



5C7E80



000000



808080



# Same Dimension

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



3AE5EB



19F7FF



3A8DEB



6A7575



00AFB5



003436



# Inverse Universe

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



EB3AE5



FF19F7



EB983A



756A75



B500AF

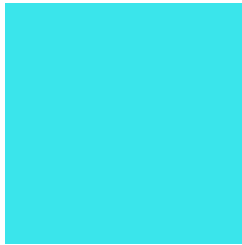


360034



# Previews

## White Background



This preview shows how the Hex color 3AE5EB looks on a white background.

## Color Contrast Check

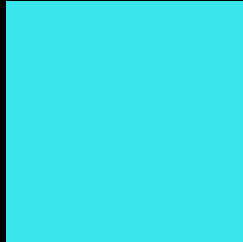
Large Text (above 18pt) WCAG AA × Fail

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 3AE5EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

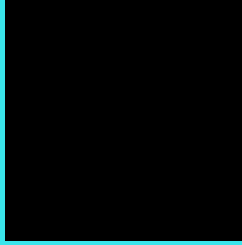
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AE5EB Background



This preview shows how black text looks on a background with the Hex color 3AE5EB.

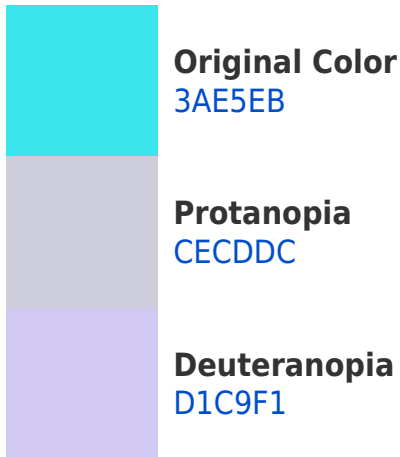


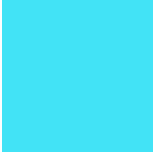
This preview shows how white text looks on a background with the Hex color 3AE5EB.

# 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**  
42E3F6

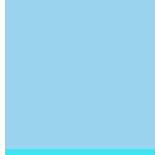
# Trichromacy



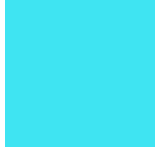
**Original Color**  
3AE5EB



**Protanomaly**  
98D6E1



**Deuteranomaly**  
9AD3EF

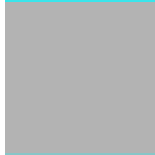


**Tritanomaly**  
3FE4F2

# Monochromacy



**Original Color**  
3AE5EB



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
87C5C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AE5EB 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 #3AE5EB looks like.

```
.text, #text, p{  
    color:#3AE5EB  
}
```

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 #3AE5EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AE5EB
}
```

## Border

The CSS property to change the border of an element to Hex 3AE5EB 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
#3AE5EB }
```

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

```
.border{ border-color:#3AE5EB }
```

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

Here you see how a box with a 4 pixel #3AE5EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AE5EB; -webkit-box-shadow:4px 4px  
4px 4px #3AE5EB; box-shadow:4px 4px 4px  
4px #3AE5EB }
```

# Background

The CSS property to change the background color of an element to Hex 3AE5EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AE5EB }
```

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

```
.background{ background-color:#3AE5EB }
```

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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