

Converting Colors

Hex(3ECEEB)

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

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Color

Hex(3ECEEB)

Conversions

Conversions Part 1

Format	Color
Hex	3ECEEB
RGB	62, 206, 235
RGB Percent	24%, 81%, 92%
CMY	0.7569, 0.1922, 0.0784
CMYK	0.74, 0.12, 0.00, 0.08
HSL	190°, 81%, 58%
HSV	190°, 74%, 92%
XYZ	39.0533, 51.1649, 86.4148
YIQ	166.2500, -95.1330, -21.5090

Conversions

Conversions Part 2

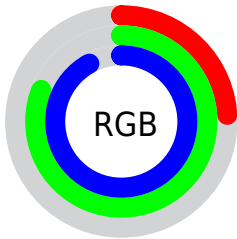
Format	Color
R _{YB}	62, 141, 235
Decimal	4116203
CIE Lab	76.78, -28.19, -25.21
CIE LCh	77, 37.819, 221.799
Yxy	51.1649, 0.2211, 0.2897
Android (android.graphics.Color)	4282306283 (0xFF3ECEEB)
YUV	166.2500, 33.8937, -91.4273
Hunter-Lab	71.5296, -27.7206, -21.5573

Details

The Hex color **3ECEEB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB5B3E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **85FFFF**, and **0097B3** is the 20% darker color. If you saturate the color by 10%, you get **27CAEB**, and if you desaturate by 10%, it is **56D2EB**.

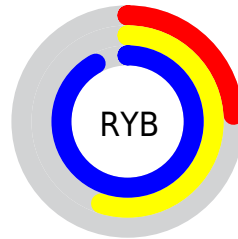
Distribution



Red (24%)

Green (81%)

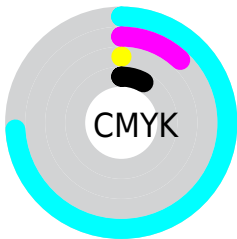
Blue (92%)



Red (24%)

Yellow (55%)

Blue (92%)

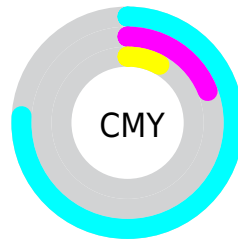


Cyan (74%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

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

 3ECEEB

 3ECEEB

FFFFFF

 00B2CF

 85FFFF

 0097B3

 A5FFFF

 007D98

 C4FFFF

 00647E

 E3FFFF

 004C65

 00344D

 002136

 000221

 000006

■ 3ECEEB

■ 3ECEEB

■ 27CAEB

■ 56D2EB

■ 0FC6EB

■ 6DD6EB

■ 00C4EB

■ 85DAEB

■ 9CDEEB

■ B4E2EB

■ CBE6EB

■ E3EAEB

■ FAEEEE

■ FFF1EB

Harmonies

Analogous

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



4BD1CB



3ECEEB



6AC7FF

Triad

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



3ECEEB



F5A5D4



C7C078

Complementary

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



3ECEEB



EB5B3E

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.



E8B47B



3ECEEB



FFA3B1

Square

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



3ECEEB



D3AFF2



FDA990



A1C988

Rectangle

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



3ECEEB



90C0FF



FDA990



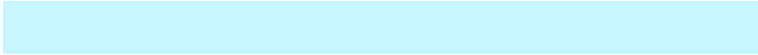
D3BC77

Sweetspot

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



3ECEEB



C7F6FF



3EEB5B



5E7A80



000000



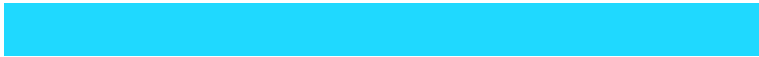
808080

Same Dimension

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



3ECEEB



1FD9FF



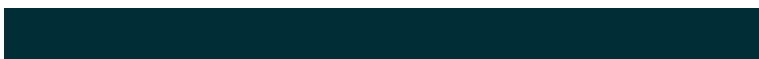
3E78EB



6A7375



0097B5



002D36

Inverse Universe

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



EB3ECE



FF1FD9



EBB13E



756A73



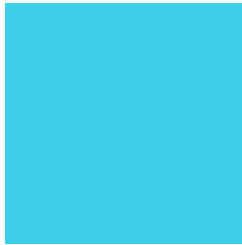
B50097



36002D

Previews

White Background



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

Color Contrast Check

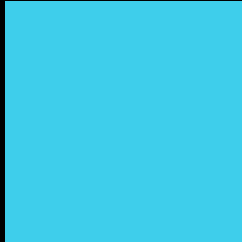
Large Text (above 18pt) WCAG AA × Fail

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 3ECEEB 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 3ECEEB Background



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

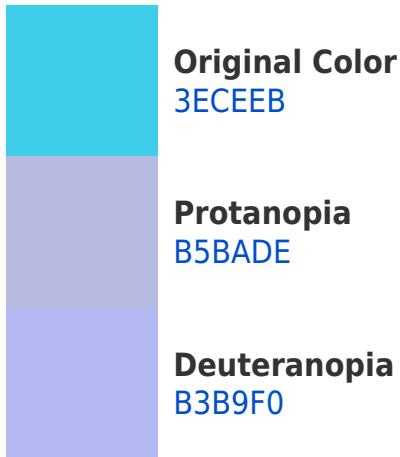


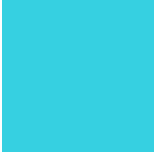
This preview shows how white text looks on a background with the Hex color 3ECEEB.

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
36D0E1

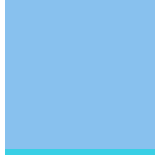
Trichromacy



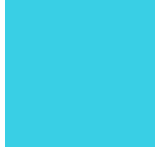
Original Color
3ECEEB



Protanomaly
8AC1E3



Deuteranomaly
88C1EE



Tritanomaly
39CFE5

Monochromacy



Original Color
3ECEEB



Achromatopsia
A6A6A6



Achromatomaly
80B5BF

CSS Examples

Text

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

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

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 #3ECEEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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