

# Converting Colors

Hex(B3EAEC)

Have a look what the booklet for  
Hex(B3EAEC) contains.

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# Color

Hex(**B3EAEC**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3EAEC
RGB	179, 234, 236
RGB Percent	70%, 92%, 93%
CMY	0.2980, 0.0824, 0.0745
CMYK	0.24, 0.01, 0.00, 0.07
HSL	182°, 60%, 81%
HSV	182°, 24%, 93%
XYZ	63.1535, 74.4855, 90.4055
YIQ	217.7830, -33.4220, -11.0380

# Conversions

## Conversions Part 2

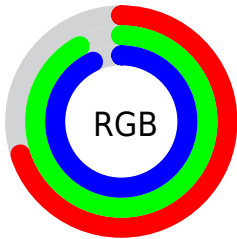
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 207, 236
Decimal	11791084
CIE Lab	89.15, -16.93, -6.68
CIE LCh	89, 18.205, 201.536
Yxy	74.4855, 0.2769, 0.3266
Android (android.graphics.Color)	4289981164 (0xFFB3EAEC)
YUV	217.7830, 8.9810, -34.0127
Hunter-Lab	86.3050, -20.4165, -1.6935

# Details

The Hex color **B3EAEC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECB5B3**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **ECFFFF**, and **7DB2B4** is the 20% darker color. If you saturate the color by 10%, you get **9BE9EC**, and if you desaturate by 10%, it is **CBEBEC**.

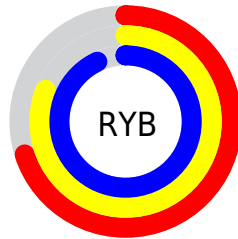
# Distribution



Red (70%)

Green (92%)

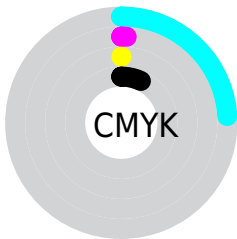
Blue (93%)



Red (70%)

Yellow (81%)

Blue (93%)

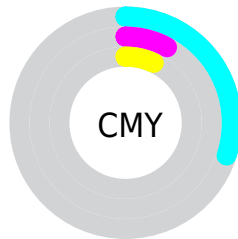


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (8%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3EAEC 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 B3EAEC by changing the saturation by 10% instead.



 B3EAEC

 B3EAEC

FFFFFF

 98CED0

 ECFFFF

 7DB2B4

 629799

 497D80

 2F6467

 134C4F

 003538

 002022

 00000D

 B3EAEC

 B3EAEC

 9BE9EC

 CBEBEC

 84E8EC

 E2ECEC

 6CE8EC

 FAECEC

 55E7EC

 FFEDEC

 3DE6EC

 FFEEEC

 25E5EC

 FFEFEC

 0EE4EC

 FFF0EC

 00E4EC

 FFF1EC

# Harmonies

## Analogous

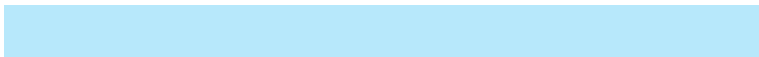
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBEADA



B3EAEC



B7E8FB

# Triad

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



B3EAEC



F2D8F6



F3DDBE

# Complementary

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



B3EAEC



ECB5B3

# 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.



FFD8C5



B3EAEC



FFD4E6

# Square

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



B3EAEC



DDDDFF



FFD4D4



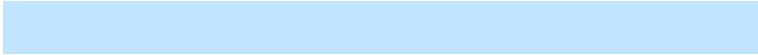
E0E3C0

# Rectangle

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



B3EAEC



C1E5FF



FFD4D4



F8DBBF

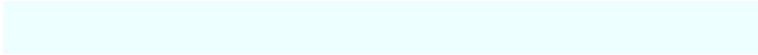


# Sweetspot

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



B3EAEC



EDFEFF



B3ECB5



757F80



000000



808080



# Same Dimension

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



B3EAEC



B5FCFF



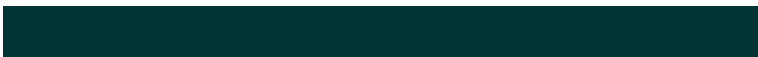
B3CEEC



6A7575



00AFB5



003436



# Inverse Universe

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



ECB3EA



FFB5FC



ECD1B3



756A75



B500AF

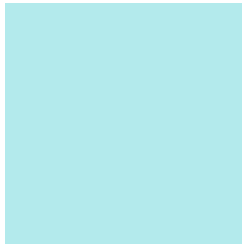


360034



# Previews

## White Background



This preview shows how the Hex color B3EAEC looks on a white background.

## Color Contrast Check

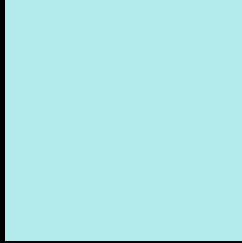
Large Text (above 18pt) WCAG AA × Fail

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 B3EAEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

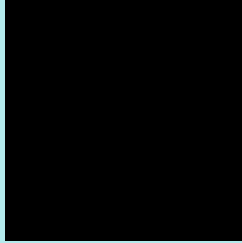
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3EAE C Background



This preview shows how black text looks on a background with the Hex color B3EAE C.



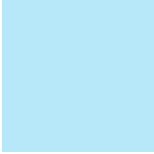
This preview shows how white text looks on a background with the Hex color B3EAE C.

# 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](#).

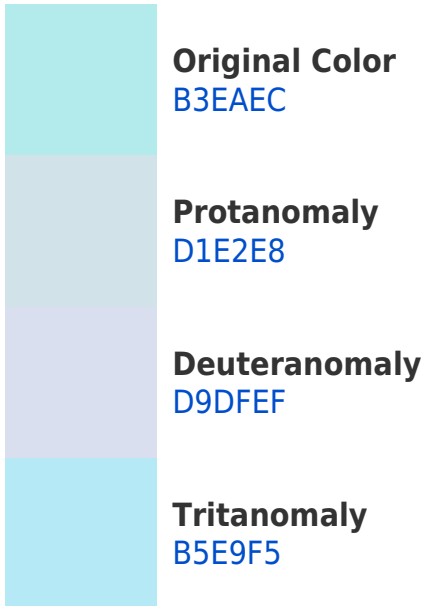
## Dichromacy



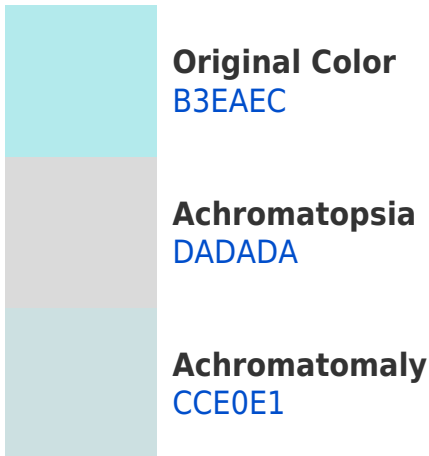


**Tritanopia**  
B6E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3EAEC 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 #B3EAEC looks like.

```
.text, #text, p{  
    color:#B3EAEC  
}
```

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 #B3EAEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3EAEC
}
```

## Border

The CSS property to change the border of an element to Hex B3EAEC 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
#B3EAEC }
```

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

```
.border{ border-color:#B3EAEC }
```

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

Here you see how a box with a 4 pixel #B3EAEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3EAEC; -webkit-box-shadow:4px 4px  
4px 4px #B3EAEC; box-shadow:4px 4px 4px  
4px #B3EAEC }
```

# Background

The CSS property to change the background color of an element to Hex B3EAEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3EAEC }
```

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

```
.background{ background-color:#B3EAEC }
```

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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