

# Converting Colors

Hex(B4EAEA)

Have a look what the booklet for  
Hex(B4EAEA) contains.

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# **Color**

**Hex(B4EAEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4EAEA
RGB	180, 234, 234
RGB Percent	71%, 92%, 92%
CMY	0.2941, 0.0824, 0.0824
CMYK	0.23, 0.00, 0.00, 0.08
HSL	180°, 56%, 81%
HSV	180°, 23%, 92%
XYZ	63.0965, 74.4894, 88.8943
YIQ	217.8540, -32.1840, -11.4480

# Conversions

## Conversions Part 2

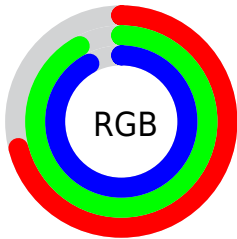
Format	Color
R <sub>Y</sub> B	180, 207, 234
Decimal	11856618
CIE Lab	89.15, -17.07, -5.63
CIE LCh	89, 17.977, 198.239
Yxy	74.4894, 0.2786, 0.3289
Android (android.graphics.Color)	4290046698 (0xFFB4EAEA)
YUV	217.8540, 7.9600, -33.1980
Hunter-Lab	86.3073, -20.5421, -0.6521

# Details

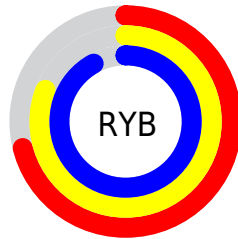
The Hex color **B4EAEA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EAB4B4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **EDFFFF**, and **7EB2B2** is the 20% darker color. If you saturate the color by 10%, you get **9DEAEA**, and if you desaturate by 10%, it is **CBEAEA**.

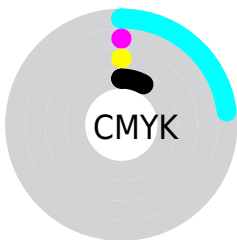
# Distribution



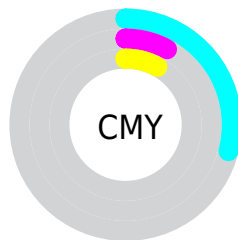
- Red (71%)
- Green (92%)
- Blue (92%)



- Red (71%)
- Yellow (81%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4EAEA 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 B4EAEA by changing the saturation by 10% instead.



 B4EAEA

 B4EAEA

FFFFFF

 99CECE

 EDFFFF

 7EB2B2

 649798

 4A7D7E

 316465

 164C4D

 003536

 002021

 00000A

 B4EAEA

 B4EAEA

 9DEAEA

 CBEAEA

 85EAEA

 E3EAEA

 6EEAEA

 FAEAEA

 56EAEA

 FFEAEA

 3FEAEA

 28EAEA

 10EAEA

 00EAEA

# Harmonies

## Analogous

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



BEEAD8



B4EAEA



B7E8F9

# Triad

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



B4EAEA



F0D8F7



F4DCBF

# Complementary

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



B4EAEA



EAB4B4

# 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.



FFD7C7



B4EAEA



FFD5E7

# Square

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



B4EAEA



DBDEFF



FFD4D6



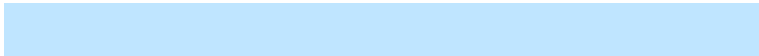
E3E2BF

# Rectangle

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



B4EAEA



BFE5FF



FFD4D6



F9DBC1

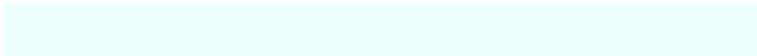


# Sweetspot

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



B4EAEA



EDFFFF



B4EAB4



758080



000000



808080

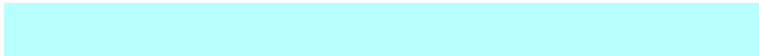


# Same Dimension

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



B4EAEA



B8FFFF



B4CFEA



6A7575



00B5B5



003636



# Inverse Universe

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



EAB4EA



FFB8FF



EACFB4



756A75



B500B5

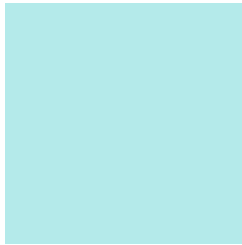


360036



# Previews

## White Background



This preview shows how the Hex color B4EAEA looks on a white background.

## Color Contrast Check

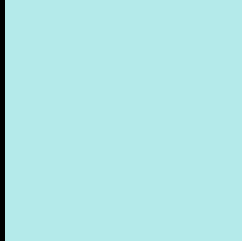
Large Text (above 18pt) WCAG AA × Fail

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 B4EAEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

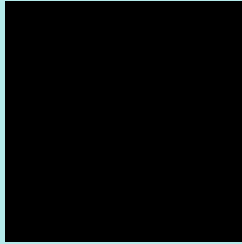
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4EAEA Background



This preview shows how black text looks on a background with the Hex color B4EAEA.



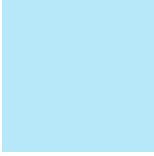
This preview shows how white text looks on a background with the Hex color B4EAEA.

# 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



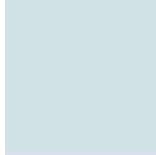


**Tritanopia**  
B7E8FA

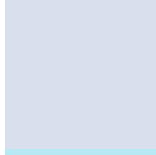
# Trichromacy



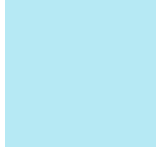
**Original Color**  
B4EAEA



**Protanomaly**  
D1E2E6



**Deuteranomaly**  
D9DFED

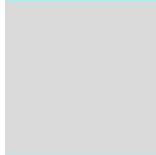


**Tritanomaly**  
B6E9F4

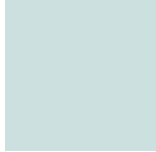
# Monochromacy



**Original Color**  
B4EAEA



**Achromatopsia**  
DADADA



**Achromatomaly**  
CCE0E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4EAEA 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 #B4EAEA looks like.

```
.text, #text, p{  
    color:#B4EAEA  
}
```

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 #B4EAEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4EAEA
}
```

## Border

The CSS property to change the border of an element to Hex B4EAEA 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
#B4EAEA }
```

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

```
.border{ border-color:#B4EAEA }
```

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

Here you see how a box with a 4 pixel #B4EAEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4EAEA; -webkit-box-shadow:4px 4px  
4px 4px #B4EAEA; box-shadow:4px 4px 4px  
4px #B4EAEA }
```

# Background

The CSS property to change the background color of an element to Hex B4EAEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4EAEA }
```

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

```
.background{ background-color:#B4EAEA }
```

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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