

# Converting Colors

Hex(B6EDEC)

Have a look what the booklet for  
Hex(B6EDEC) contains.

<b>Hex(B6EDEC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B6EDEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6EDEC
RGB	182, 237, 236
RGB Percent	71%, 93%, 93%
CMY	0.2863, 0.0706, 0.0745
CMYK	0.23, 0.00, 0.00, 0.07
HSL	179°, 60%, 82%
HSV	179°, 23%, 93%
XYZ	64.7159, 76.5696, 90.7254
YIQ	220.4410, -32.4590, -11.9710

# Conversions

## Conversions Part 2

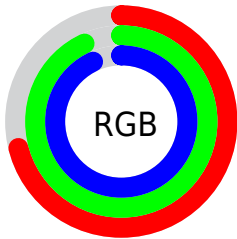
Format	Color
<b>RYB</b>	182, 210, 237
Decimal	11988460
CIELab	90.12, -17.55, -5.23
CIELCh	90, 18.316, 196.588
Yxy	76.5696, 0.2789, 0.3300
Android (android.graphics.Color)	4290178540 (0xFFB6EDEC)
YUV	220.4410, 7.6706, -33.7128
Hunter-Lab	87.5040, -21.1177, -0.2199

# Details

The Hex color **B6EDEC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDB6B7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **80B5B4** is the 20% darker color. If you saturate the color by 10%, you get **9EEDEC**, and if you desaturate by 10%, it is **CEEDEC**.

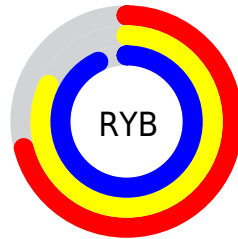
# Distribution



Red (71%)

Green (93%)

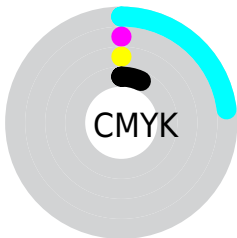
Blue (93%)



Red (71%)

Yellow (82%)

Blue (93%)

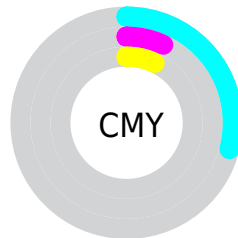


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6EDEC 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 B6EDEC by changing the saturation by 10% instead.



 B6EDEC

FFFFFF

 EFFFFFF

 B6EDEC

 9AD1D0

 80B5B4

 659A99

 4C8080

 326767

 174F4F

 003838

 002222

 00010D

 B6EDEC

 B6EDEC

 9EEDEC

 CEEDEC

 87EDEB

 E5EDED

 6FEDEB

 FDEDED

 57EDEA

 FFEDEE

 40EDEA

 FFEDEF

 28EDE9

 FFEDF0

 10EDE9

 00EDE9

# Harmonies

## Analogous

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



C0ECDA



B6EDEC



B8EBFB

# Triad

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



B6EDEC



F2DBFB



F8DFC1

# Complementary

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



B6EDEC



EDB6B7

# 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.



FFDACA



B6EDEC



FFD7EB

# Square

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



B6EDEC



DCE1FF



FFD7D9



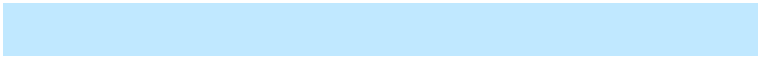
E6E5C1

# Rectangle

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



B6EDEC



C0E8FF



FFD7D9



FDDDC3



# Sweetspot

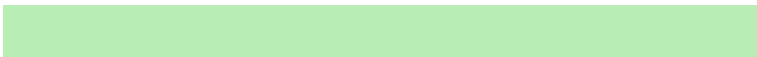
The Sweet Spot groups the original color and five complimentary colors.



B6EDEC



EDFFFF



B8EDB6



75807F



000000



808080

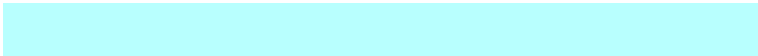


# Same Dimension

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



B6EDEC



B8FFFE



B6D3ED



6A7575



00B5B2



003635



# Inverse Universe

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



EDB6B7



FFB8B9



EDD0B6



756A6A



B50003

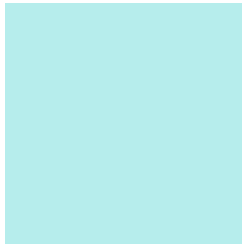


360001



# Previews

## White Background



This preview shows how the Hex color B6EDEC looks on a white background.

## Color Contrast Check

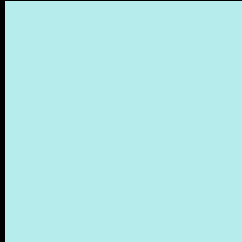
Large Text (above 18pt) WCAG AA × Fail

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 B6EDEC 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 B6EDEC Background



This preview shows how black text looks on a background with the Hex color B6EDEC.

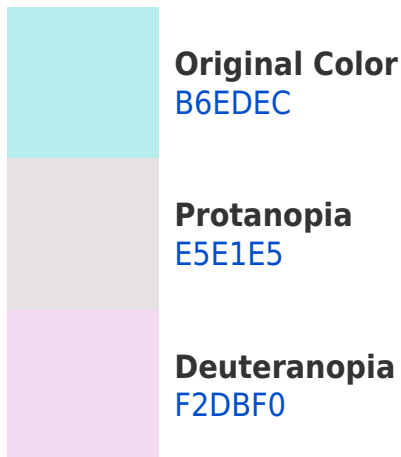


This preview shows how white text looks on a background with the Hex color B6EDEC.

# 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

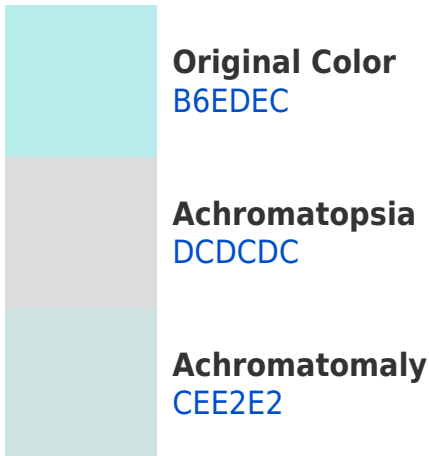




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6EDEC 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 #B6EDEC looks like.

```
.text, #text, p{  
    color:#B6EDEC  
}
```

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 #B6EDEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6EDEC
}
```

## Border

The CSS property to change the border of an element to Hex B6EDEC 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
#B6EDEC }
```

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

```
.border{ border-color:#B6EDEC }
```

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

Here you see how a box with a 4 pixel #B6EDEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6EDEC; -webkit-box-shadow:4px 4px  
4px 4px #B6EDEC; box-shadow:4px 4px 4px  
4px #B6EDEC }
```

# Background

The CSS property to change the background color of an element to Hex B6EDEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6EDEC }
```

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

```
.background{ background-color:#B6EDEC }
```

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