

# Converting Colors

Hex(B6EDE3)

Have a look what the booklet for  
Hex(B6EDE3) contains.

|  |    |
|--|----|
| <b>Hex(B6EDE3)</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(B6EDE3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B6EDE3                       |
| RGB         | 182, 237, 227                |
| RGB Percent | 71%, 93%, 89%                |
| CMY         | 0.2863, 0.0706, 0.1098       |
| CMYK        | 0.23, 0.00, 0.04, 0.07       |
| HSL         | 169°, 60%, 82%               |
| HSV         | 169°, 23%, 93%               |
| XYZ         | 63.4407, 76.0595, 84.0103    |
| YIQ         | 219.4150, -29.5700, -14.7700 |

# Conversions

## Conversions Part 2

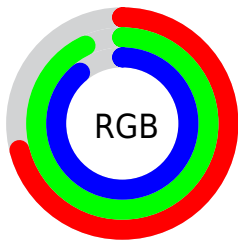
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 182, 212, 237                 |
| Decimal                             | 11988451                      |
| CIE Lab                             | 89.89, -19.44, -0.87          |
| CIE LCh                             | 90, 19.464, 182.572           |
| Yxy                                 | 76.0595, 0.2838,<br>0.3403    |
| Android<br>(android.graphics.Color) | 4290178531<br>(0xFFB6EDE3)    |
| YUV                                 | 219.4150, 3.7394,<br>-32.8130 |
| Hunter-Lab                          | 87.2121, -22.7749,<br>3.9352  |

# Details

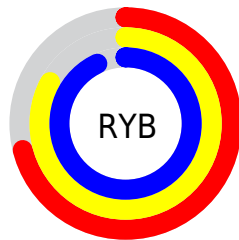
The Hex color **B6EDE3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDB6C0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **80B5AC** is the 20% darker color. If you saturate the color by 10%, you get **9EEDDF**, and if you desaturate by 10%, it is **CEEDE7**.

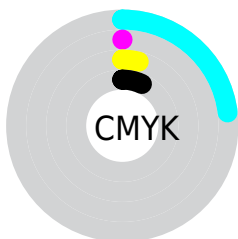
# Distribution



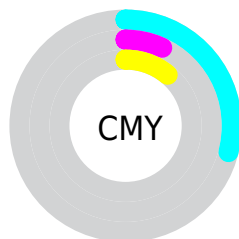
- Red (71%)
- Green (93%)
- Blue (89%)



- Red (71%)
- Yellow (83%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6EDE3 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 B6EDE3 by changing the saturation by 10% instead.



 B6EDE3

FFFFFF

 EFFFFFF

 B6EDE3

 9BD1C7

 80B5AC

 669A91

 4C8078

 33675F

 194F47

 003731

 00221C

 000002

 B6EDE3

 B6EDE3

 9EEDDF

 CEDEE7

 87EDDA

 E5EDEC

 6FEDD6

 FD EDF0

 57EDD2

 FF EDF4

 40EDCD

 FF EDF9

 28EDC9

 FF EDFD

 10EDC5

 FF EDFF

 00EDC2

# Harmonies

## Analogous

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



C6EBD0



B6EDE3



B1ECF5

# Triad

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



B6EDE3



E8DDFF



FFDBC2

# Complementary

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



B6EDE3



EDB6C0

# 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.



FFD7CF



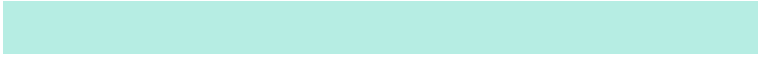
B6EDE3



FCD8F4

# Square

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



B6EDE3



D0E3FF



FFD5E1



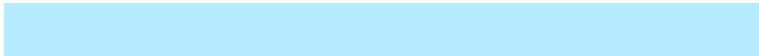
EFE1BD

# Rectangle

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



B6EDE3



B6EAFF



FFD5E1



FFD9C5



# Sweetspot

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



B6EDE3



EDFFFC



C0EDB6



75807E



000000



808080

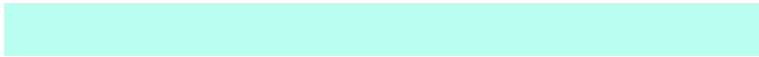


# Same Dimension

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



B6EDE3



B8FFF2



B6DCED



6A7573



00B594



00362C



# Inverse Universe

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



EDB6C0



FFB8C5



EDC7B6



756A6C



B50021

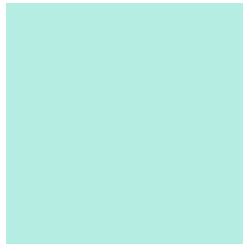


36000A



# Previews

## White Background



This preview shows how the Hex color B6EDE3 looks on a white background.

## Color Contrast Check

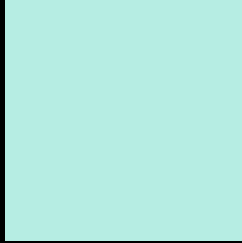
Large Text (above 18pt) WCAG AA × Fail

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 B6EDE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

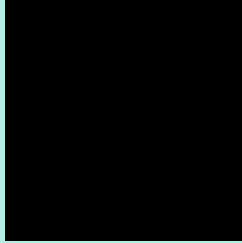
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

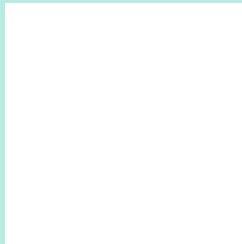
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6EDE3 Background



This preview shows how black text looks on a background with the Hex color B6EDE3.

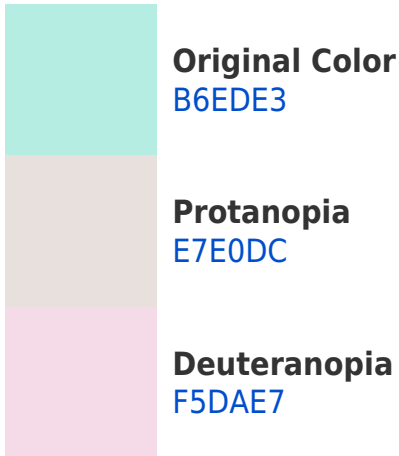


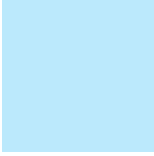
This preview shows how white text looks on a background with the Hex color B6EDE3.

# 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



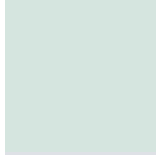


**Tritanopia**  
BBE9FC

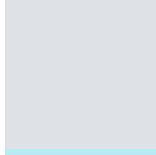
# Trichromacy



**Original Color**  
B6EDE3



**Protanomaly**  
D5E5DF



**Deuteranomaly**  
DEE1E6

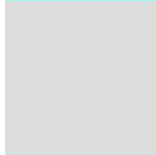


**Tritanomaly**  
B9EAF3

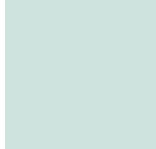
# Monochromacy



**Original Color**  
B6EDE3



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
CEE2DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6EDE3 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 #B6EDE3 looks like.

```
.text, #text, p{  
    color:#B6EDE3  
}
```

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 #B6EDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6EDE3  
}
```

## Border

The CSS property to change the border of an element to Hex B6EDE3 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  
#B6EDE3 }
```

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

```
.border{ border-color:#B6EDE3 }
```

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

Here you see how a box with a 4 pixel #B6EDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6EDE3; -webkit-box-shadow:4px 4px  
4px 4px #B6EDE3; box-shadow:4px 4px 4px  
4px #B6EDE3 }
```

# Background

The CSS property to change the background color of an element to Hex B6EDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6EDE3 }
```

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

```
.background{ background-color:#B6EDE3 }
```

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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