

# Converting Colors

Hex(BDEEEE)

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

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# **Color**

**Hex(BDEEEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDEEEE</a>
RGB	<a href="#">189, 238, 238</a>
RGB Percent	<a href="#">74%, 93%, 93%</a>
CMY	<a href="#">0.2588, 0.0667, 0.0667</a>
CMYK	<a href="#">0.21, 0.00, 0.00, 0.07</a>
HSL	<a href="#">180°, 59%, 84%</a>
HSV	<a href="#">180°, 21%, 93%</a>
XYZ	<a href="#">66.9934, 78.1409, 92.4407</a>
YIQ	<a href="#">223.3490, -29.2040, -10.3880</a>

# Conversions

## Conversions Part 2

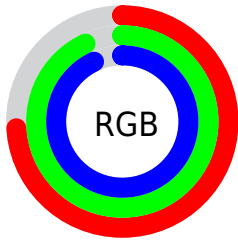
Format	Color
<a href="#">RYB</a>	<a href="#">189, 214, 238</a>
Decimal	<a href="#">12447470</a>
CIELab	<a href="#">90.84, -15.56, -5.16</a>
CIELCh	<a href="#">91, 16.396, 198.360</a>
Yxy	<a href="#">78.1409, 0.2820, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4290637550 (0xFFBDEEEE)</a>
YUV	<a href="#">223.3490, 7.2229, -30.1241</a>
Hunter-Lab	<a href="#">88.3974, -19.4162, -0.1238</a>

# Details

The Hex color **BDEEEE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEBDBD**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F6FFFF**, and **87B6B6** is the 20% darker color. If you saturate the color by 10%, you get **A5EEEE**, and if you desaturate by 10%, it is **D5EEEE**.

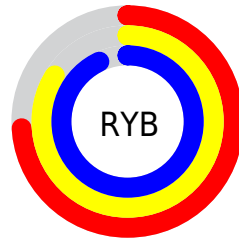
# Distribution



Red (74%)

Green (93%)

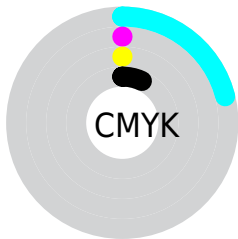
Blue (93%)



Red (74%)

Yellow (84%)

Blue (93%)

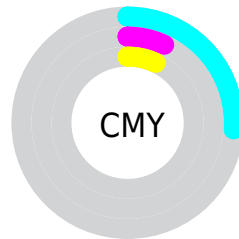


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 BDEEEE

 BDEEEE

FFFFFF

 A1D2D2


 F6FFFF


 87B6B6

 6C9B9B

 538181

 3A6868

 215050

 043939

 002324

 00060F

 BDEEEE

 BDEEEE

 A5EEEE

 D5EEEE

 8DEEEE

 EDEEEE

 76EEEE

 FFEEEE

 5EEEE

 46EEEE

 2EEEE

 16EEEE

 00EEEE

# Harmonies

## Analogous

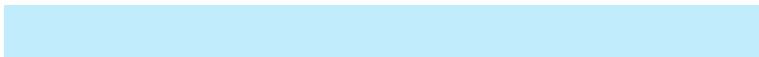
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5EEDE



BDEEEE



C0ECFC

# Triad

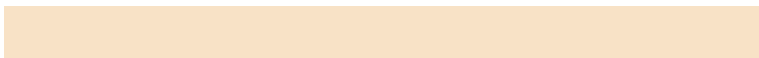
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDEEEE



F3DEFA



F8E2C6

# Complementary

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



BDEEEE



EEBDBD

# 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.



FFDDCE



BDEEEE



FFDBEC

# Square

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



BDEEEE



E0E3FF



FFDADC



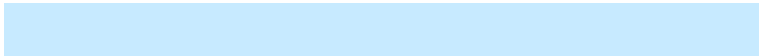
E7E7C7

# Rectangle

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



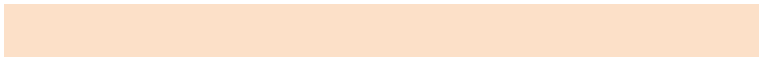
BDEEEE



C7EAFF



FFDADC



FCE0C8



# Sweetspot

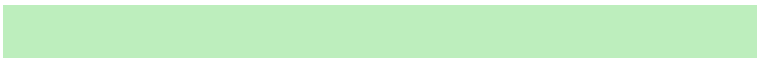
The Sweet Spot groups the original color and five complimentary colors.



BDEEEE



F0FFFF



BDEEBD



778080



000000



808080



# Same Dimension

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



BDEEEE



BFFFFFF



BDD5EE



6C7878



00B8B8



003838



# Inverse Universe

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



EEBDEE



FFBFFF



EED5BD



786C78



B800B8

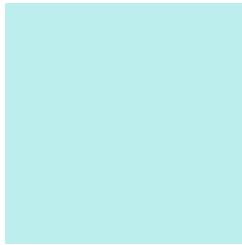


380038



# Previews

## White Background



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

## Color Contrast Check

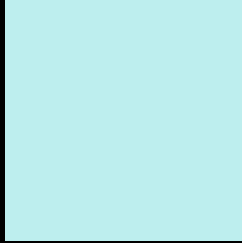
Large Text (above 18pt) WCAG AA × Fail

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 BDEEEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

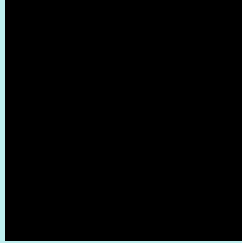
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDEEEE Background



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



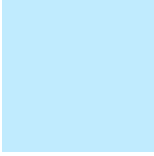
This preview shows how white text looks on a background with the Hex color BDEEEE.

# 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

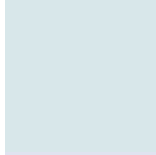




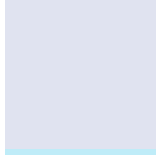
# Trichromacy



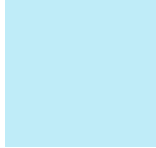
**Original Color**  
BDEEEE



**Protanomaly**  
D8E7EA



**Deuteranomaly**  
E0E3F0

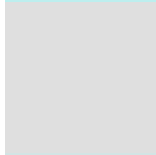


**Tritanomaly**  
BFECF8

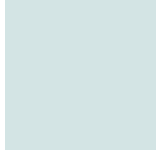
# Monochromacy



**Original Color**  
BDEEEE



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D3E4E4

# CSS Examples

## Text

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

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

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 #BDEEEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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