

Converting Colors

Hex(B1DEEF)

Have a look what the booklet for
Hex(B1DEEF) contains.

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Color

Hex(B1DEEF)

Conversions

Conversions Part 1

Format	Color
Hex	B1DEEF
RGB	177, 222, 239
RGB Percent	69%, 87%, 94%
CMY	0.3059, 0.1294, 0.0627
CMYK	0.26, 0.07, 0.00, 0.06
HSL	196°, 66%, 82%
HSV	196°, 26%, 94%
XYZ	59.8327, 67.8217, 91.5987
YIQ	210.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

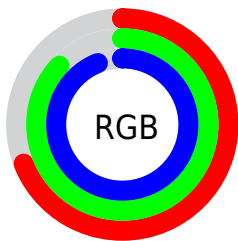
Format	Color
RYB	177, 203, 239
Decimal	11656943
CIELab	85.92, -10.78, -13.08
CIELCh	86, 16.951, 230.514
Yxy	67.8217, 0.2729, 0.3093
Android (android.graphics.Color)	4289847023 (0xFFB1DEEF)
YUV	210.4830, 14.0589, -29.3646
Hunter-Lab	82.3539, -14.4334, -8.2980

Details

The Hex color **B1DEEF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EFC2B1**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAEFFF**, and **7BA7B7** is the 20% darker color. If you saturate the color by 10%, you get **99D7EF**, and if you desaturate by 10%, it is **C9E5EF**.

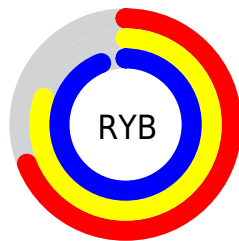
Distribution



Red (69%)

Green (87%)

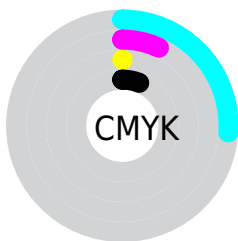
Blue (94%)



Red (69%)

Yellow (80%)

Blue (94%)

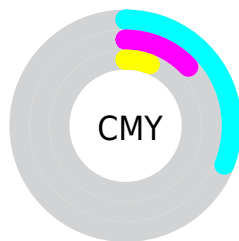


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DEEF 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 B1DEEF by changing the saturation by 10% instead.

 B1DEEF

 B1DEEF

FFFFFF

 96C2D3

 EAFFFF

 7BA7B7

 618C9C

 477382

 2E5A69

 124351

 002D3A

 001924

 00010E

 B1DEEF

 B1DEEF

 99D7EF

 C9E5EF

 81D1EF

 E1EBEF

 69CAEF

 F9F2EF

 51C4EF

 FFF8EF

 39BDEF

 FFFFEF

 22B7EF

 0AB0EF

 00ADEF

Harmonies

Analogous

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



AEE0E1



B1DEEF



BFDAF6

Triad

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



B1DEEF



F4CCDD



D8D9B9

Complementary

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



B1DEEF



EFC2B1

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.



E9D4B8



B1DEEF



F9CCCC

Square

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



B1DEEF



E7CFEB



F5CFBF



C5DEC2

Rectangle

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



B1DEEF



CDD6F6



F5CFBF



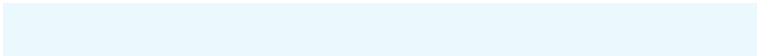
DED8B7

Sweetspot

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



B1DEEF



EBF9FF



B1EFC2



737C80



000000



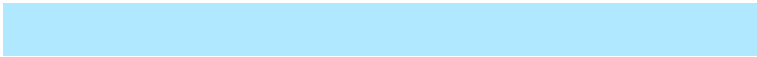
808080

Same Dimension

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



B1DEEF



B0E9FF



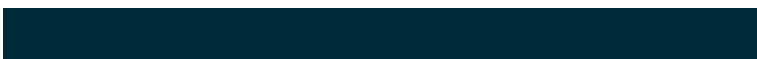
B1BFEF



6C7578



0085B8



002938

Inverse Universe

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



EFB1DE



FFB0E9



EFE1B1



786C75



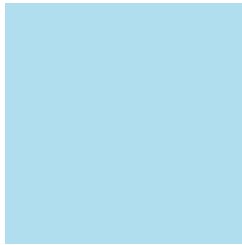
B80085



380029

Previews

White Background



This preview shows how the Hex color B1DEEF looks on a white background.

Color Contrast Check

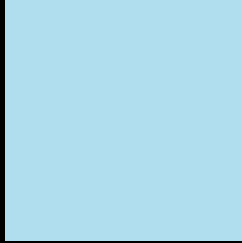
Large Text (above 18pt) WCAG AA × Fail

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 B1DEEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

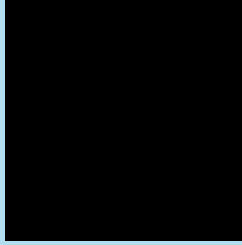
Any Text WCAG AA ✓ Pass

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 B1DEEF Background



This preview shows how black text looks on a background with the Hex color B1DEEF.

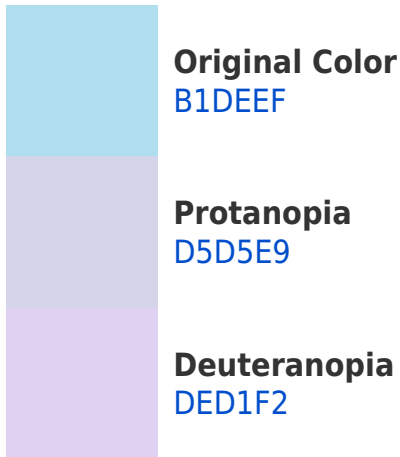


This preview shows how white text looks on a background with the Hex color B1DEEF.

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



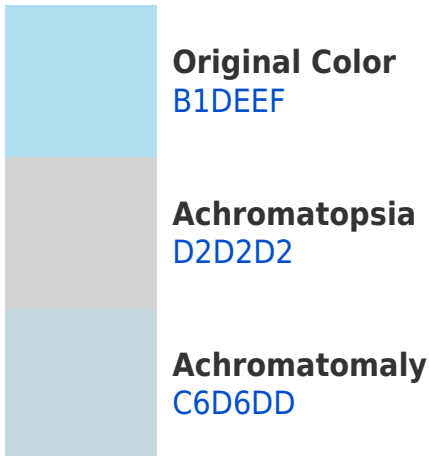


Tritanopia
B1DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DEEF 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 #B1DEEF looks like.

```
.text, #text, p{  
    color:#B1DEEF  
}
```

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 #B1DEEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DEEF
}
```

Border

The CSS property to change the border of an element to Hex B1DEEF 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
#B1DEEF }
```

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

```
.border{ border-color:#B1DEEF }
```

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

Here you see how a box with a 4 pixel #B1DEEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DEEF; -webkit-box-shadow:4px 4px  
4px 4px #B1DEEF; box-shadow:4px 4px 4px  
4px #B1DEEF }
```

Background

The CSS property to change the background color of an element to Hex B1DEEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DEEF }
```

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

```
.background{ background-color:#B1DEEF }
```

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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