

# Converting Colors

Hex(B1F4E0)

Have a look what the booklet for  
Hex(B1F4E0) contains.

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# Color

Hex(**B1F4E0**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F4E0
RGB	177, 244, 224
RGB Percent	69%, 96%, 88%
CMY	0.3059, 0.0431, 0.1216
CMYK	0.27, 0.00, 0.08, 0.04
HSL	162°, 75%, 83%
HSV	162°, 27%, 96%
XYZ	63.9367, 79.4303, 82.4828
YIQ	221.6870, -33.5120, -20.4240

# Conversions

## Conversions Part 2

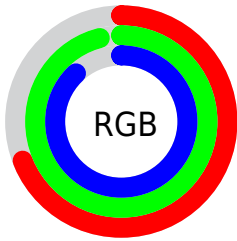
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 216, 244
Decimal	11662560
CIELab	91.43, -24.95, 2.90
CIELCh	91, 25.122, 173.364
Yxy	79.4303, 0.2831, 0.3517
Android (android.graphics.Color)	4289852640 (0xFFB1F4E0)
YUV	221.6870, 1.1403, -39.1905
Hunter-Lab	89.1237, -27.9118, 7.5145

# Details

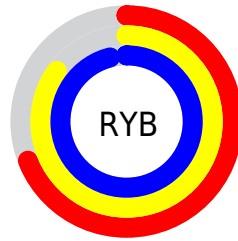
The Hex color **B1F4E0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4B1C5**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **EAFFFF**, and **7ABCA9** is the 20% darker color. If you saturate the color by 10%, you get **99F4D9**, and if you desaturate by 10%, it is **C9F4E7**.

# Distribution



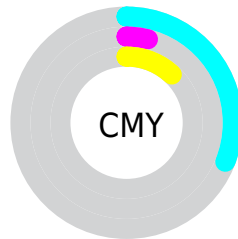
- Red (69%)
- Green (96%)
- Blue (88%)



- Red (69%)
- Yellow (85%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (31%)
- Magenta (4%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1F4E0 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 B1F4E0 by changing the saturation by 10% instead.



 B1F4E0

FFFFFF

 EAFFFF

 B1F4E0

 95D7C4

 7ABCA9

 60A08E

 468675

 2C6C5C

 0D5445

 003C2F

 00261A

 000A00

 B1F4E0

 B1F4E0

 99F4D9

 C9F4E7

 80F4D1

 E2F4EF

 68F4CA

 FAF4F6

 4FF4C3

 FFF4FD

 37F4BC

 FFF4FF

 1FF4B4

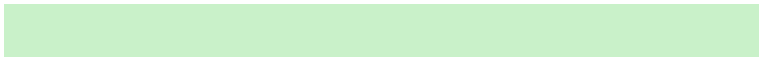
 06F4AD

 00F4AB

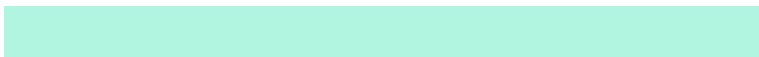
# Harmonies

## Analogous

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



C9F1C9



B1F4E0



A4F4F9

# Triad

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



B1F4E0



E4E2FF



FFDBC1

# Complementary

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



B1F4E0



F4B1C5

# 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.



FFD6D4



B1F4E0



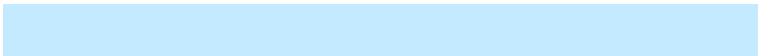
FFDAFF

# Square

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



B1F4E0



C4EAFF



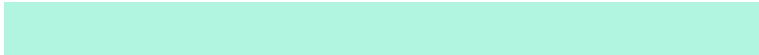
FFD6ED



FEE3B7

# Rectangle

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



**B1F4E0**



**A7F2FF**



**FFD6ED**



**FFD9C6**



# Sweetspot

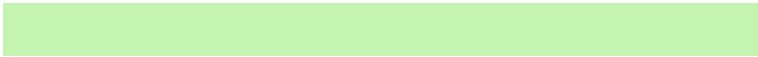
The Sweet Spot groups the original color and five complimentary colors.



B1F4E0



EBFFF9



C5F4B1



73807C



000000



808080



# Same Dimension

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



B1F4E0



ABFFE6



B1E7F4



6E7A77



00BA83



003B29



# Inverse Universe

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



F4B1C5



FFABC4



F4BEB1



7A6E72



BA0038

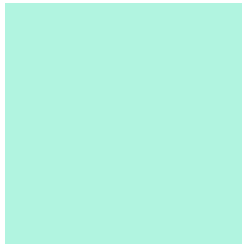


3B0012



# Previews

## White Background



This preview shows how the Hex color B1F4E0 looks on a white background.

## Color Contrast Check

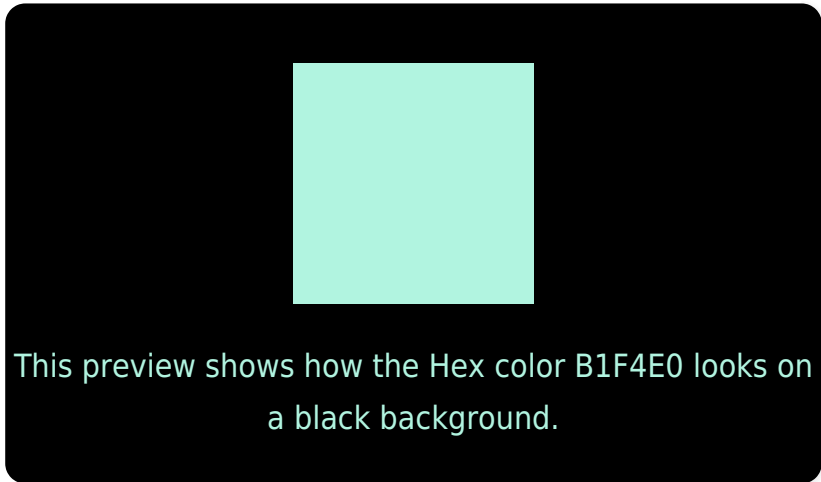
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

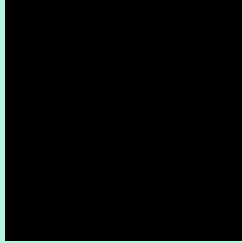
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

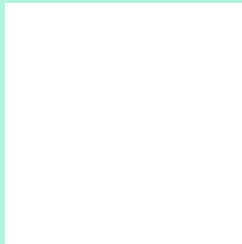
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1F4E0 Background



This preview shows how black text looks on a background with the Hex color B1F4E0.

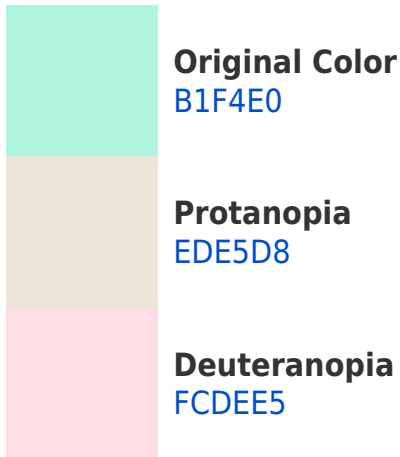


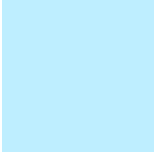
This preview shows how white text looks on a background with the Hex color B1F4E0.

# 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



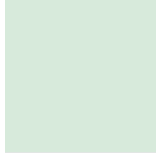


**Tritanopia**  
BEEEFF

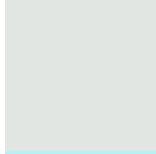
# Trichromacy



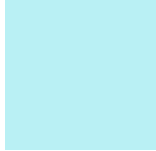
**Original Color**  
B1F4E0



**Protanomaly**  
D7EADB

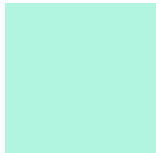


**Deuteranomaly**  
E1E6E3

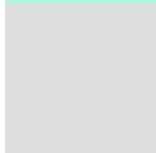


**Tritanomaly**  
B9F0F4

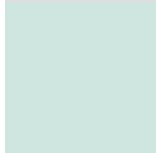
# Monochromacy



**Original Color**  
B1F4E0



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
CEE6DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1F4E0 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 #B1F4E0 looks like.

```
.text, #text, p{  
    color:#B1F4E0  
}
```

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 #B1F4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F4E0
}
```

## Border

The CSS property to change the border of an element to Hex B1F4E0 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
#B1F4E0 }
```

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

```
.border{ border-color:#B1F4E0 }
```

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

Here you see how a box with a 4 pixel #B1F4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F4E0; -webkit-box-shadow:4px 4px  
4px 4px #B1F4E0; box-shadow:4px 4px 4px  
4px #B1F4E0 }
```

# Background

The CSS property to change the background color of an element to Hex B1F4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F4E0 }
```

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

```
.background{ background-color:#B1F4E0 }
```

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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