

Converting Colors

Hex(B7F0E4)

Have a look what the booklet for
Hex(B7F0E4) contains.

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Color

Hex(B7F0E4)

Conversions

Conversions Part 1

Format	Color
Hex	B7F0E4
RGB	183, 240, 228
RGB Percent	72%, 94%, 89%
CMY	0.2824, 0.0588, 0.1059
CMYK	0.24, 0.00, 0.05, 0.06
HSL	167°, 66%, 83%
HSV	167°, 24%, 94%
XYZ	64.6921, 77.9889, 85.0425
YIQ	221.5890, -30.1200, -15.8160

Conversions

Conversions Part 2

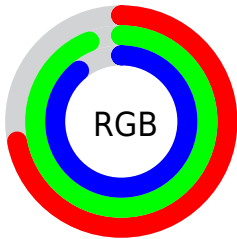
Format	Color
R_{YB}	183, 215, 240
Decimal	12054756
CIE _{Lab}	90.77, -20.42, -0.09
CIE _{LCh}	91, 20.417, 180.255
Yxy	77.9889, 0.2841, 0.3425
Android (android.graphics.Color)	4290244836 (0xFFB7F0E4)
YUV	221.5890, 3.1606, -33.8426
Hunter-Lab	88.3113, -23.7853, 4.7225

Details

The Hex color **B7F0E4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0B7C3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F0FFFF**, and **81B8AD** is the 20% darker color. If you saturate the color by 10%, you get **9FF0DF**, and if you desaturate by 10%, it is **CFF0E9**.

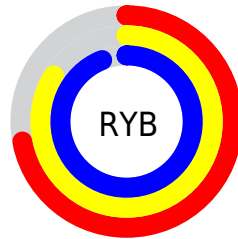
Distribution



Red (72%)

Green (94%)

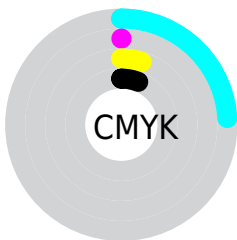
Blue (89%)



Red (72%)

Yellow (84%)

Blue (94%)

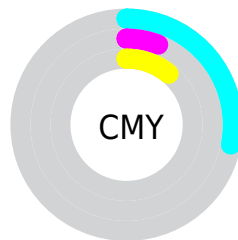


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (28%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7F0E4 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 B7F0E4 by changing the saturation by 10% instead.

 B7F0E4

FFFFFF

 F0FFFF

 B7F0E4

 9CD4C8

 81B8AD

 679D92

 4D8378

 346960

 1A5148

 003A32

 00241D

 000503

 B7F0E4

 B7F0E4

 9FF0DF

 CFF0E9

 87F0DA

 E7F0EE

 6FF0D5

 FFF0F3

 57F0D0

 FFF0F8

 3FF0CB

 FFF0FD

 27F0C6

 FFF0FF

 0FF0C1

 00F0BD

Harmonies

Analogous

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



C8EED1



B7F0E4



B1EFF7

Triad

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



B7F0E4



E8E0FF



FFDDC3

Complementary

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



B7F0E4



F0B7C3

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.



FFD8D2



B7F0E4



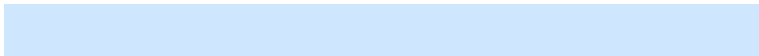
FEDAF8

Square

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



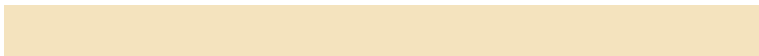
B7F0E4



CFE6FF



FFD7E5



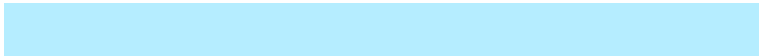
F4E3BE

Rectangle

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



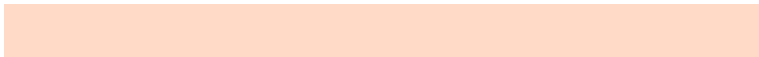
B7F0E4



B5EDFF



FFD7E5



FFDBC7

Sweetspot

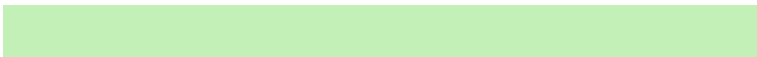
The Sweet Spot groups the original color and five complimentary colors.



B7F0E4



EDFFFB



C3F0B7



75807D



000000



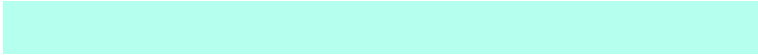
808080

Same Dimension

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



B7F0E4



B5FFEF



B7E0F0



6C7875



00B891



00382C

Inverse Universe

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



F0B7C3



FFB5C5



F0C7B7



786C6E



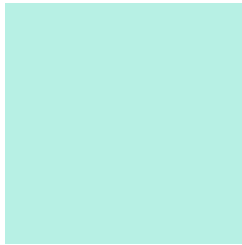
B80027



38000C

Previews

White Background



This preview shows how the Hex color B7F0E4 looks on a white background.

Color Contrast Check

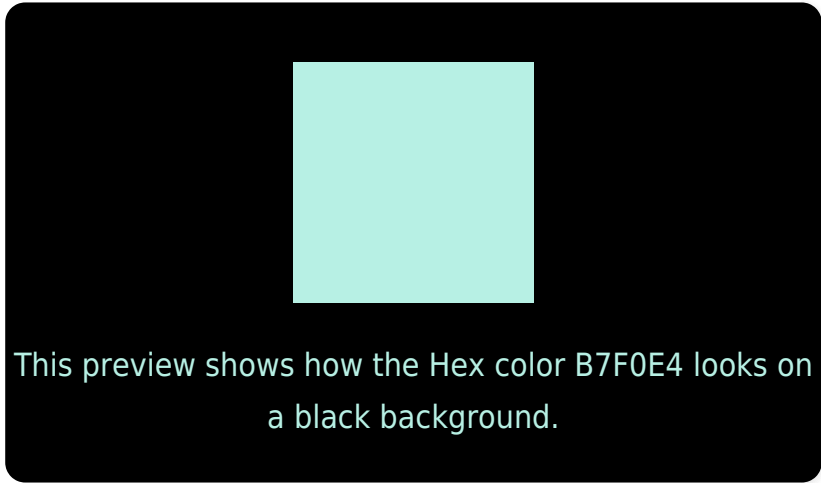
Large Text (above 18pt) WCAG AA × Fail

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

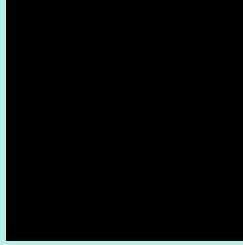
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

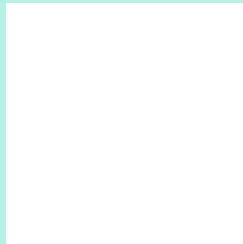
Any Text WCAG AAA ✓ Pass

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

Hex B7F0E4 Background



This preview shows how black text looks on a background with the Hex color B7F0E4.

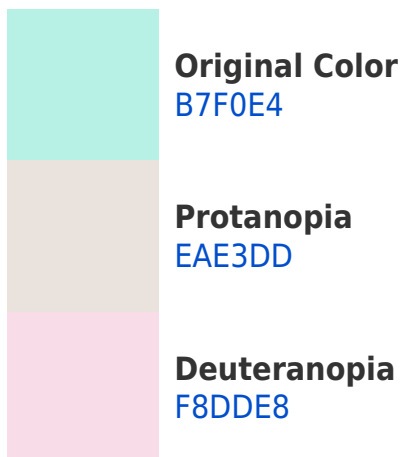


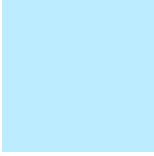
This preview shows how white text looks on a background with the Hex color B7F0E4.

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

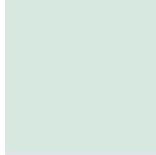




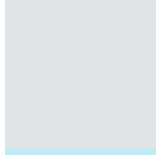
Trichromacy



Original Color
B7F0E4



Protanomaly
D7E8E0



Deuteranomaly
E0E4E7

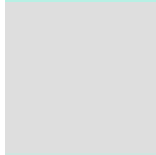


Tritanomaly
BAEDF5

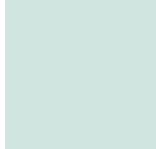
Monochromacy



Original Color
B7F0E4



Achromatopsia
DEDEDE



Achromatomaly
D0E5E0

CSS Examples

Text

The CSS property to change the color of the text to Hex B7F0E4 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 #B7F0E4 looks like.

```
.text, #text, p{  
    color:#B7F0E4  
}
```

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 #B7F0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F0E4  
}
```

Border

The CSS property to change the border of an element to Hex B7F0E4 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  
#B7F0E4 }
```

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

```
.border{ border-color:#B7F0E4 }
```

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

Here you see how a box with a 4 pixel #B7F0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F0E4; -webkit-box-shadow:4px 4px  
4px 4px #B7F0E4; box-shadow:4px 4px 4px  
4px #B7F0E4 }
```

Background

The CSS property to change the background color of an element to Hex B7F0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F0E4 }
```

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

```
.background{ background-color:#B7F0E4 }
```

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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