

Converting Colors

Hex(B7E4F0)

Have a look what the booklet for
Hex(B7E4F0) contains.

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Color

Hex(B7E4F0)

Conversions

Conversions Part 1

Format	Color
Hex	B7E4F0
RGB	183, 228, 240
RGB Percent	72%, 89%, 94%
CMY	0.2824, 0.1059, 0.0588
CMYK	0.24, 0.05, 0.00, 0.06
HSL	193°, 66%, 83%
HSV	193°, 24%, 94%
XYZ	63.0000, 71.8454, 92.9852
YIQ	215.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

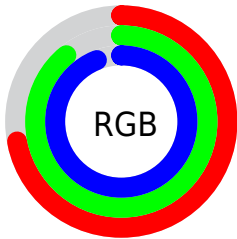
Format	Color
R _Y B	183, 208, 240
Decimal	12051696
CIE Lab	87.89, -11.87, -10.62
CIE LCh	88, 15.928, 221.827
Yxy	71.8454, 0.2765, 0.3153
Android (android.graphics.Color)	4290241776 (0xFFB7E4F0)
YUV	215.9130, 11.8749, -28.8647
Hunter-Lab	84.7616, -15.6608, -5.7091

Details

The Hex color **B7E4F0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0C3B7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **F0FFFF**, and **81ADB8** is the 20% darker color. If you saturate the color by 10%, you get **9FDFF0**, and if you desaturate by 10%, it is **CFE9F0**.

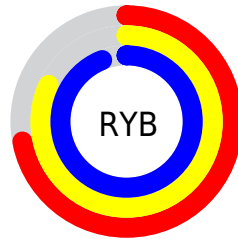
Distribution



Red (72%)

Green (89%)

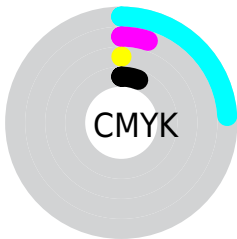
Blue (94%)



Red (72%)

Yellow (82%)

Blue (94%)

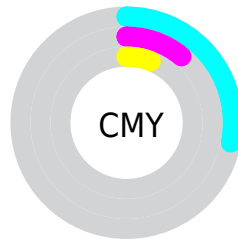


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E4F0 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 B7E4F0 by changing the saturation by 10% instead.

 B7E4F0

 B7E4F0

FFFFFF

 9CC8D4

 F0FFFF

 81ADB8

 67929D

 4D7883

 345F6A

 1A4852

 00313B

 001C25

 000110

 B7E4F0

 B7E4F0

 9FDFF0

 CFE9F0

 87DAF0

 E7EEF0

 6FD5F0

 FFF3F0

 57D0F0

 FFF8F0

 3FCBF0

 FFFDF0

 27C6F0

 FFFFF0

 0FC1F0

 00BDF0

Harmonies

Analogous

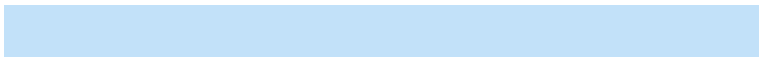
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7E5E2



B7E4F0



C2E1F9

Triad

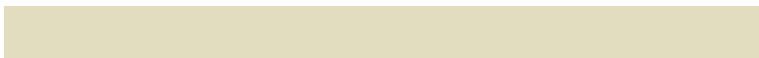
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B7E4F0



F5D3E6



E2DDBF

Complementary

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



B7E4F0



F0C3B7

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.



F1D8C0



B7E4F0



FDD2D7

Square

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



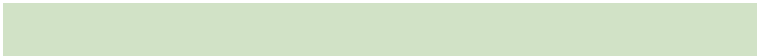
B7E4F0



E7D7F3



FBD4C9



D1E2C6

Rectangle

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



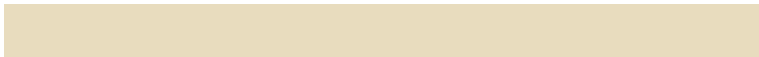
B7E4F0



CDDDF8



FBD4C9



E8DCBE

Sweetspot

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



B7E4F0



EDFBFF



B7F0C2



757D80



000000



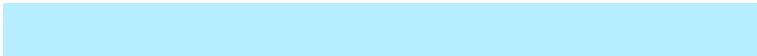
808080

Same Dimension

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



B7E4F0



B5EFFF



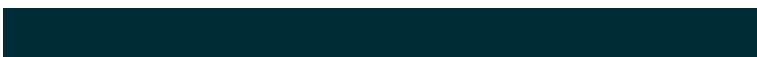
B7C8F0



6C7578



0091B8



002C38

Inverse Universe

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



F0B7E4



FFB5EF



F0DFB7



786C75



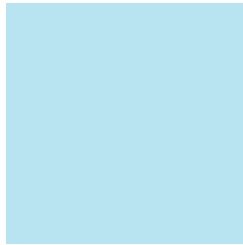
B80091



38002C

Previews

White Background



This preview shows how the Hex color B7E4F0 looks on a white background.

Color Contrast Check

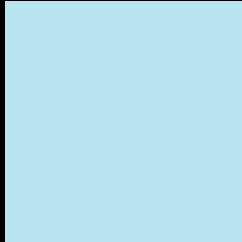
Large Text (above 18pt) WCAG AA × Fail

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 B7E4F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

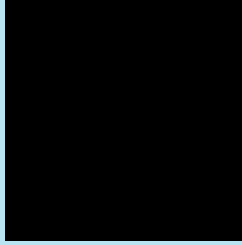
Any Text WCAG AA ✓ Pass

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 B7E4F0 Background



This preview shows how black text looks on a background with the Hex color B7E4F0.

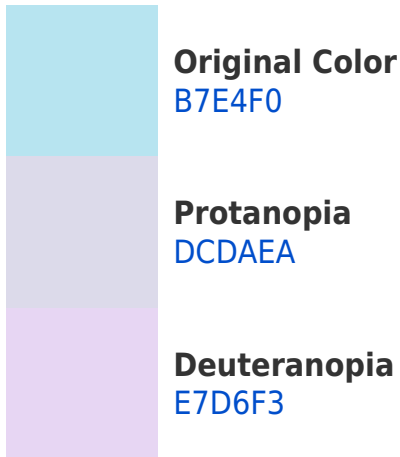


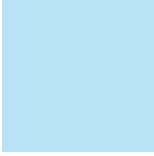
This preview shows how white text looks on a background with the Hex color B7E4F0.

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



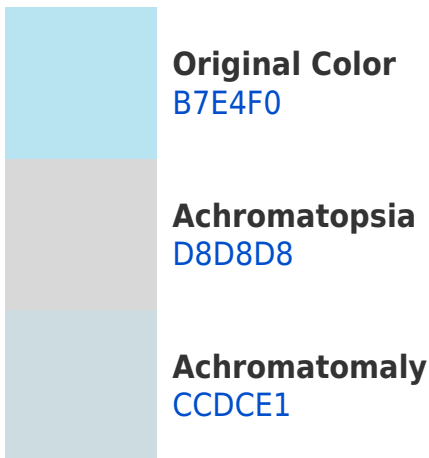


Tritanopia
B8E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7E4F0 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 #B7E4F0 looks like.

```
.text, #text, p{  
    color:#B7E4F0  
}
```

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 #B7E4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E4F0  
}
```

Border

The CSS property to change the border of an element to Hex B7E4F0 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  
#B7E4F0 }
```

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

```
.border{ border-color:#B7E4F0 }
```

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

Here you see how a box with a 4 pixel #B7E4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E4F0; -webkit-box-shadow:4px 4px  
4px 4px #B7E4F0; box-shadow:4px 4px 4px  
4px #B7E4F0 }
```

Background

The CSS property to change the background color of an element to Hex B7E4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E4F0 }
```

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

```
.background{ background-color:#B7E4F0 }
```

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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