

# Converting Colors

Hex(B8E4F0)

Have a look what the booklet for  
Hex(B8E4F0) contains.

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# **Color**

**Hex(B8E4F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8E4F0
RGB	184, 228, 240
RGB Percent	72%, 89%, 94%
CMY	0.2784, 0.1059, 0.0588
CMYK	0.23, 0.05, 0.00, 0.06
HSL	193°, 65%, 83%
HSV	193°, 23%, 94%
XYZ	63.2387, 71.9684, 92.9963
YIQ	216.2120, -30.0760, -5.5960

# Conversions

## Conversions Part 2

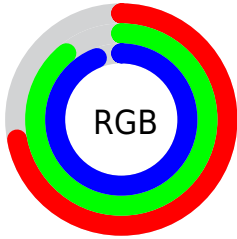
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 209, 240
Decimal	12117232
CIELab	87.95, -11.57, -10.53
CIELCh	88, 15.646, 222.288
Yxy	71.9684, 0.2771, 0.3154
Android (android.graphics.Color)	4290307312 (0xFFB8E4F0)
YUV	216.2120, 11.7275, -28.2499
Hunter-Lab	84.8342, -15.3990, -5.6105

# Details

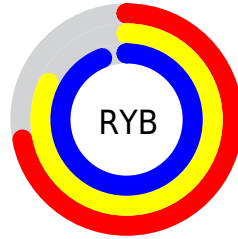
The Hex color **B8E4F0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0C4B8**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **F1FFFF**, and **82ADB8** is the 20% darker color. If you saturate the color by 10%, you get **A0DFF0**, and if you desaturate by 10%, it is **D0E9F0**.

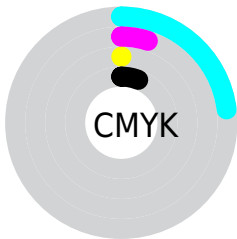
# Distribution



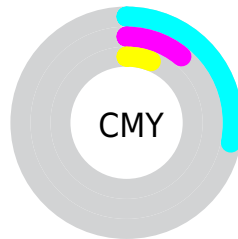
- Red (72%)
- Green (89%)
- Blue (94%)



- Red (72%)
- Yellow (82%)
- Blue (94%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (11%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8E4F0 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 B8E4F0 by changing the saturation by 10% instead.



 B8E4F0

 B8E4F0

FFFFFF

 9DC8D4

 F1FFFF

 82ADB8

 68929D

 4E7883

 355F6A

 1C4852

 00313B

 001C25

 000110

 B8E4F0

 B8E4F0

 A0DFF0

 D0E9F0

 88DAF0

 E8EEF0

 70D5F0

 FFF3F0

 58CFF0

 FFF9F0

 40CAF0

 FFFEFO

 28C5F0

 FFFFF0

 10C0F0

 00BDF0

# Harmonies

## Analogous

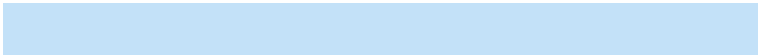
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8E5E2



B8E4F0



C3E1F8

# Triad

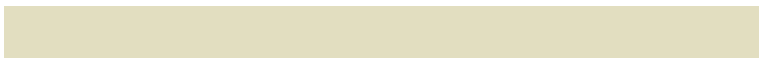
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B8E4F0



F5D3E6



E2DEC0

# Complementary

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



B8E4F0



F0C4B8

# 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.



F1D9C1



B8E4F0



FCD2D7

# Square

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



B8E4F0



E7D7F3



FBD4C9



D1E2C6

# Rectangle

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



B8E4F0



CEDDFA



FBD4C9



E8DCBF

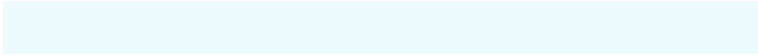


# Sweetspot

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



B8E4F0



EDFBFF



B8F0C3



757D80



000000



808080

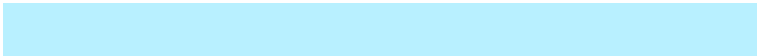


# Same Dimension

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



B8E4F0



B8F0FF



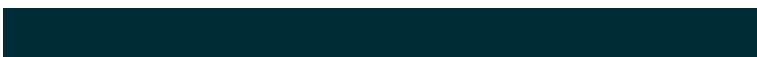
B8C9F0



6C7578



0090B8



002C38



# Inverse Universe

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



F0B8E4



FFB8F0



F0DFB8



786C75



B80090

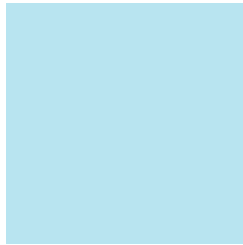


38002C



# Previews

## White Background



This preview shows how the Hex color B8E4F0 looks on a white background.

## Color Contrast Check

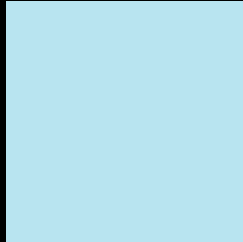
Large Text (above 18pt) WCAG AA × Fail

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 B8E4F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

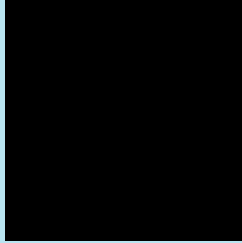
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8E4F0 Background



This preview shows how black text looks on a background with the Hex color B8E4F0.

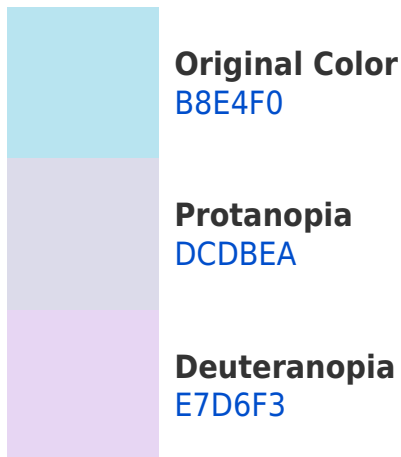


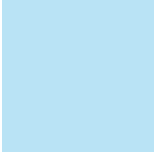
This preview shows how white text looks on a background with the Hex color B8E4F0.

# 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



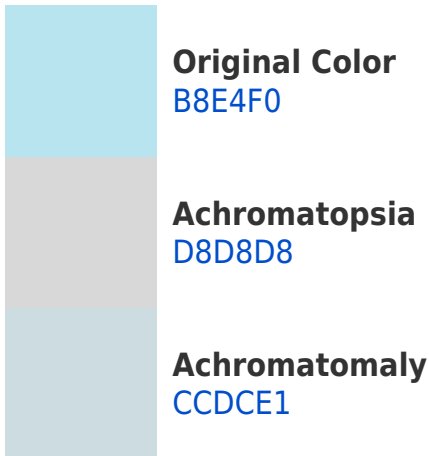


**Tritanopia**  
B9E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8E4F0 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 #B8E4F0 looks like.

```
.text, #text, p{  
    color:#B8E4F0  
}
```

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 #B8E4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E4F0
}
```

## Border

The CSS property to change the border of an element to Hex B8E4F0 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
#B8E4F0 }
```

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

```
.border{ border-color:#B8E4F0 }
```

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

Here you see how a box with a 4 pixel #B8E4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E4F0; -webkit-box-shadow:4px 4px  
4px 4px #B8E4F0; box-shadow:4px 4px 4px  
4px #B8E4F0 }
```

# Background

The CSS property to change the background color of an element to Hex B8E4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E4F0 }
```

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

```
.background{ background-color:#B8E4F0 }
```

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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