

# Converting Colors

Hex(BEF6F7)

Have a look what the booklet for  
Hex(BEF6F7) contains.

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# **Color**

**Hex(BEF6F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEF6F7
RGB	190, 246, 247
RGB Percent	75%, 96%, 97%
CMY	0.2549, 0.0353, 0.0314
CMYK	0.23, 0.00, 0.00, 0.03
HSL	181°, 78%, 86%
HSV	181°, 23%, 97%
XYZ	70.9795, 83.5741, 100.3861
YIQ	229.3700, -33.6970, -11.5610

# Conversions

## Conversions Part 2

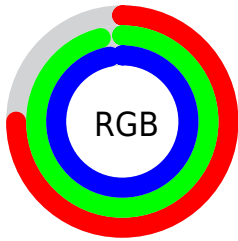
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 218, 247
Decimal	12515063
CIE Lab	93.27, -17.34, -6.27
CIE LCh	93, 18.439, 199.872
Yxy	83.5741, 0.2784, 0.3278
Android (android.graphics.Color)	4290705143 (0xFFBEF6F7)
YUV	229.3700, 8.6916, -34.5275
Hunter-Lab	91.4189, -21.3920, -1.1125

# Details

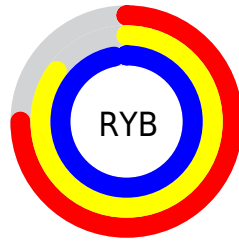
The Hex color **BEF6F7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7BFBE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **F7FFFF**, and **87BEBF** is the 20% darker color. If you saturate the color by 10%, you get **A5F6F7**, and if you desaturate by 10%, it is **D7F6F7**.

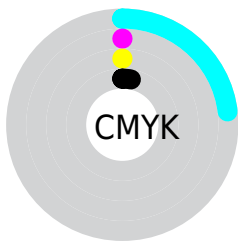
# Distribution



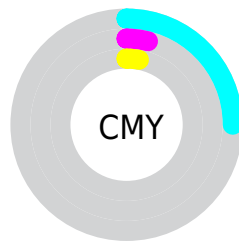
- Red (75%)
- Green (96%)
- Blue (97%)



- Red (75%)
- Yellow (85%)
- Blue (97%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEF6F7 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 BEF6F7 by changing the saturation by 10% instead.



 BEF6F7

FFFFFF

 F7FFFF

 BEF6F7

 A2D9DB

 87BEBF

 6DA2A4

 538889

 396F70

 1F5658

 003F40

 00282A

 001416

 BEF6F7

 BEF6F7

 A5F6F7

 D7F6F7

 8DF5F7

 EFF7F7

 74F5F7

 FFF7F7

 5BF4F7

 FFF8F7

 42F4F7

 FFF9F7

 2AF3F7

 FFFAF7

 11F3F7

 00F3F7

# Harmonies

## Analogous

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



C7F6E5



BEF6F7



C1F4FF

# Triad

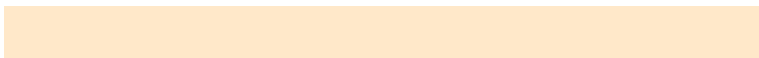
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BEF6F7



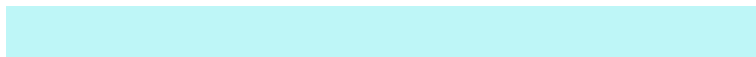
FDE4FF



FFE8C9

# Complementary

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



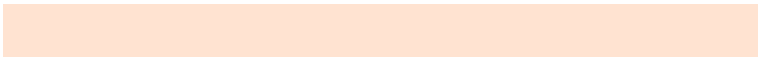
BEF6F7



F7BFBE

# 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.



FFE3D1



BEF6F7



FFE0F2

# Square

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



BEF6F7



E7E9FF



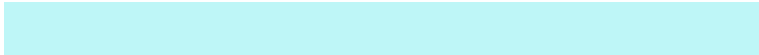
FFE0E0



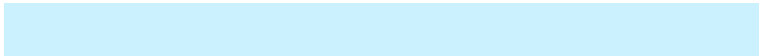
EDEECA

# Rectangle

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



BEF6F7



CBF1FF



FFE0E0



FFE6CB

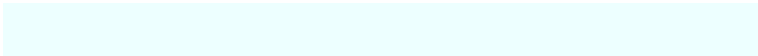


# Sweetspot

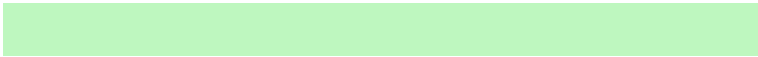
The Sweet Spot groups the original color and five complimentary colors.



BEF6F7



EDFFFF



BEF7BF



757F80



000000

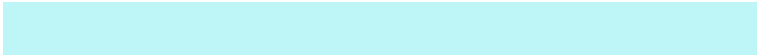


808080



# Same Dimension

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



BEF6F7



B8FEFF



BEDAF7



6E7A7A



00B7BA



003A3B



# Inverse Universe

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



F7BEF6



FFB8FE



F7DBBE



7A6E7A



BA00B7

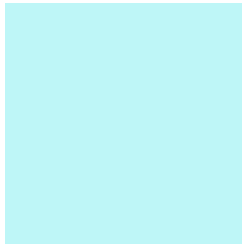


3B003A



# Previews

## White Background



This preview shows how the Hex color BEF6F7 looks on a white background.

## Color Contrast Check

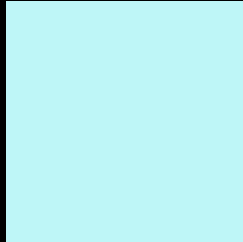
Large Text (above 18pt) WCAG AA × Fail

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 BEF6F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

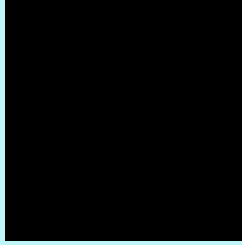
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEF6F7 Background



This preview shows how black text looks on a background with the Hex color BEF6F7.



This preview shows how white text looks on a background with the Hex color BEF6F7.

# 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



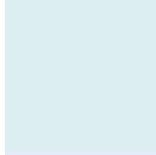


**Tritanopia**  
CFF1FF

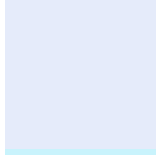
# Trichromacy



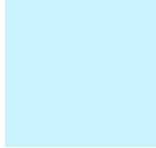
**Original Color**  
BEF6F7



**Protanomaly**  
DDEEF3



**Deuteranomaly**  
E5EBFA

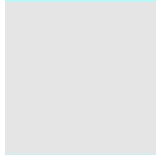


**Tritanomaly**  
C9F3FC

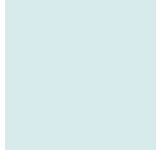
# Monochromacy



**Original Color**  
BEF6F7



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
D7EBEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEF6F7 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 #BEF6F7 looks like.

```
.text, #text, p{  
    color:#BEF6F7  
}
```

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 #BEF6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF6F7
}
```

## Border

The CSS property to change the border of an element to Hex BEF6F7 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
#BEF6F7 }
```

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

```
.border{ border-color:#BEF6F7 }
```

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

Here you see how a box with a 4 pixel #BEF6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF6F7; -webkit-box-shadow:4px 4px  
4px 4px #BEF6F7; box-shadow:4px 4px 4px  
4px #BEF6F7 }
```

# Background

The CSS property to change the background color of an element to Hex BEF6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF6F7 }
```

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

```
.background{ background-color:#BEF6F7 }
```

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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