

# Converting Colors

Hex(B1F2EB)

Have a look what the booklet for  
Hex(B1F2EB) contains.

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# **Color**

**Hex(B1F2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F2EB
RGB	177, 242, 235
RGB Percent	69%, 95%, 92%
CMY	0.3059, 0.0510, 0.0784
CMYK	0.27, 0.00, 0.03, 0.05
HSL	174°, 71%, 82%
HSV	174°, 27%, 95%
XYZ	64.8790, 78.8495, 90.3973
YIQ	221.7670, -36.4930, -15.9570

# Conversions

## Conversions Part 2

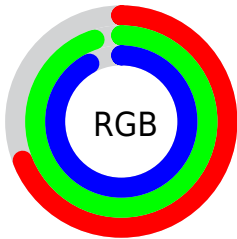
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	177, 211, 242
Decimal	11662059
CIE Lab	91.17, -21.68, -3.20
CIE LCh	91, 21.916, 188.405
Yxy	78.8495, 0.2771, 0.3368
Android (android.graphics.Color)	4289852139 (0xFFB1F2EB)
YUV	221.7670, 6.5239, -39.2607
Hunter-Lab	88.7973, -24.9756, 1.7998

# Details

The Hex color **B1F2EB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2B1B8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **EAFFFF**, and **7ABAB3** is the 20% darker color. If you saturate the color by 10%, you get **99F2E8**, and if you desaturate by 10%, it is **C9F2EE**.

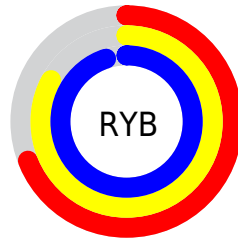
# Distribution



Red (69%)

Green (95%)

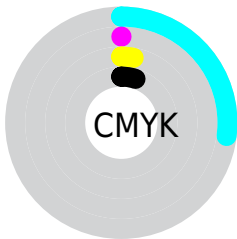
Blue (92%)



Red (69%)

Yellow (83%)

Blue (95%)

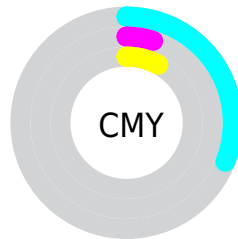


Cyan (27%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (31%)

Magenta (5%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1F2EB 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 B1F2EB by changing the saturation by 10% instead.



 B1F2EB

 B1F2EB

FFFFFF

 95D6CF

 EAFFFF

 7ABAB3

 609F99

 46847F

 2B6B66

 0B524E

 003B37

 002522

 00080C

 B1F2EB

 B1F2EB

 99F2E8

 C9F2EE

 81F2E6

 E1F2F0

 68F2E3

 FAF2F3

 50F2E1

 FFF2F5

 38F2DE

 FFF2F8

 20F2DB

 FFF2FB

 08F2D9

 FFF2FD

 00F2D8

 FFF2FF

# Harmonies

## Analogous

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



C1F1D6



B1F2EB



AEF0FF

# Triad

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



B1F2EB



F1DEFF



FFDFBF

# Complementary

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



B1F2EB



F2B1B8

# 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.



FFD9CC



B1F2EB



FFD9F6

# Square

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



B1F2EB



D6E6FF



FFD7E0



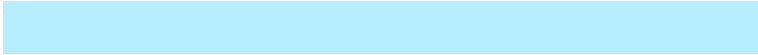
F0E6BC

# Rectangle

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



**B1F2EB**



**B6EEFF**



**FFD7E0**



**FFDDC3**



# Sweetspot

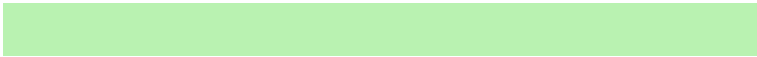
The Sweet Spot groups the original color and five complimentary colors.



B1F2EB



EBFFFD



B9F2B1



73807E



000000



808080



# Same Dimension

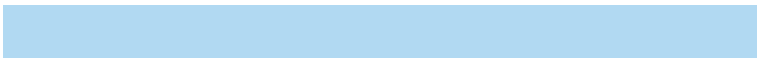
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F2EB



ADFFF6



B1D9F2



6C7877



00B8A4



003832



# Inverse Universe

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



F2B1B8



FFADB6



F2CAB1



786C6D



B80014

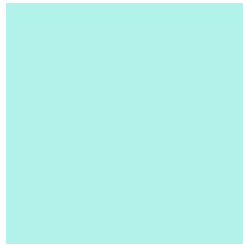


380006



# Previews

## White Background



This preview shows how the Hex color B1F2EB looks on a white background.

## Color Contrast Check

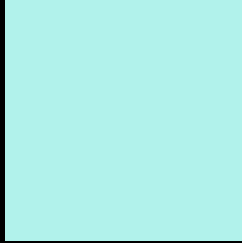
Large Text (above 18pt) WCAG AA × Fail

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 B1F2EB 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 B1F2EB Background



This preview shows how black text looks on a background with the Hex color B1F2EB.



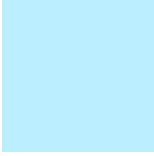
This preview shows how white text looks on a background with the Hex color B1F2EB.

# 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



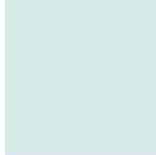


**Tritanopia**  
BBEEFF

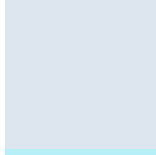
# Trichromacy



**Original Color**  
B1F2EB



**Protanomaly**  
D5E9E6



**Deuteranomaly**  
DDE5EE

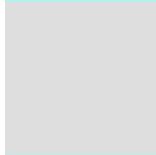


**Tritanomaly**  
B7EFF8

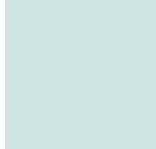
# Monochromacy



**Original Color**  
B1F2EB



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
CEE5E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1F2EB 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 #B1F2EB looks like.

```
.text, #text, p{  
    color:#B1F2EB  
}
```

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 #B1F2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F2EB
}
```

## Border

The CSS property to change the border of an element to Hex B1F2EB 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
#B1F2EB }
```

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

```
.border{ border-color:#B1F2EB }
```

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

Here you see how a box with a 4 pixel #B1F2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F2EB; -webkit-box-shadow:4px 4px  
4px 4px #B1F2EB; box-shadow:4px 4px 4px  
4px #B1F2EB }
```

# Background

The CSS property to change the background color of an element to Hex B1F2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F2EB }
```

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

```
.background{ background-color:#B1F2EB }
```

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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