

Converting Colors

Hex(B1F7F2)

Have a look what the booklet for
Hex(B1F7F2) contains.

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Color

Hex(B1F7F2)

Conversions

Conversions Part 1

Format	Color
Hex	B1F7F2
RGB	177, 247, 242
RGB Percent	69%, 97%, 95%
CMY	0.3059, 0.0314, 0.0510
CMYK	0.28, 0.00, 0.02, 0.03
HSL	176°, 81%, 83%
HSV	176°, 28%, 97%
XYZ	67.4192, 82.2794, 96.3326
YIQ	225.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

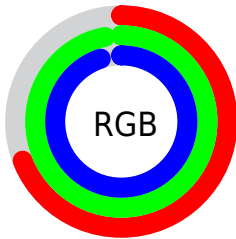
Format	Color
R_{YB}	177, 213, 247
Decimal	11663346
CIE _{Lab}	92.70, -22.61, -4.59
CIE _{LCh}	93, 23.072, 191.474
Yxy	82.2794, 0.2740, 0.3344
Android (android.graphics.Color)	4289853426 (0xFFB1F7F2)
YUV	225.5000, 8.1345, -42.5345
Hunter-Lab	90.7080, -26.0679, 0.5292

Details

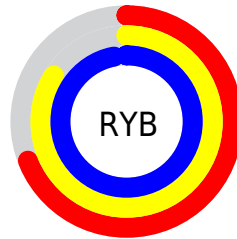
The Hex color **B1F7F2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7B1B6**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **EAFFFF**, and **7ABEBA** is the 20% darker color. If you saturate the color by 10%, you get **98F7F0**, and if you desaturate by 10%, it is **CAF7F4**.

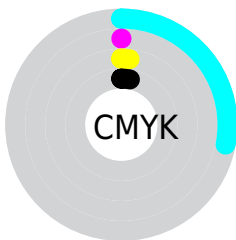
Distribution



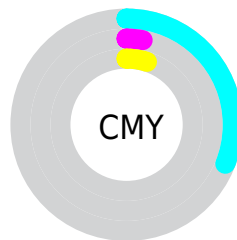
- Red (69%)
- Green (97%)
- Blue (95%)



- Red (69%)
- Yellow (84%)
- Blue (97%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1F7F2 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 B1F7F2 by changing the saturation by 10% instead.

 B1F7F2

 B1F7F2

FFFFFF

 95DAD6

 EAFFFF

 7ABEBA

 5FA39F

 448985

 296F6C

 035754

 003F3C

 002927

 001212

 B1F7F2

 B1F7F2

 98F7F0

 CAF7F4

 80F7EE

 E2F7F6

 67F7ED

 FBF7F7

 4EF7EB

 FFF7F9

 36F7E9

 FFF7FB

 1DF7E7

 FFF7FD

 04F7E6

 FFF7FE

 00F7E5

 FFF7FF

Harmonies

Analogous

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



C1F6DB



B1F7F2



B0F5FF

Triad

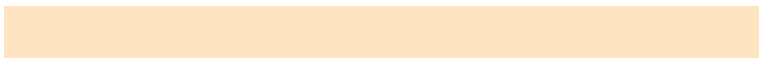
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1F7F2



F9E2FF



FFE4C1

Complementary

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



B1F7F2



F7B1B6

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.



FFDECE



B1F7F2



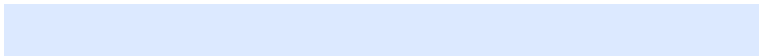
FFDCF9

Square

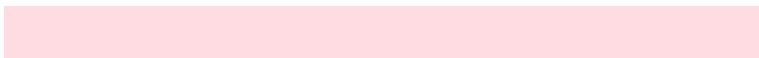
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1F7F2



DCE9FF



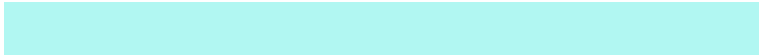
FFDBE2



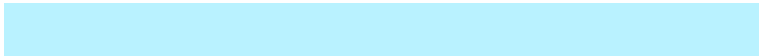
F2EBBF

Rectangle

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



B1F7F2



B9F2FF



FFDBE2



FFE2C4

Sweetspot

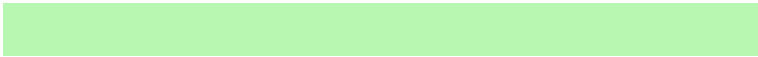
The Sweet Spot groups the original color and five complimentary colors.



B1F7F2



E8FFFD



B7F7B1



71807E



000000



808080

Same Dimension

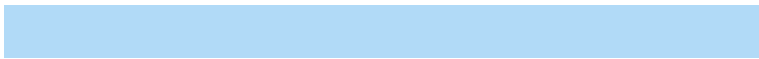
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F7F2



A8FFF9



B1DAF7



6E7A7A



00BAAD



003B36

Inverse Universe

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



F7B1B6



FFA8AE



F7CEB1



7A6E6F



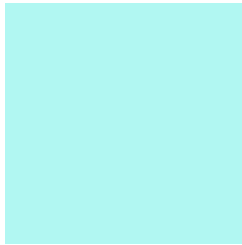
BA000D



3B0004

Previews

White Background



This preview shows how the Hex color B1F7F2 looks on a white background.

Color Contrast Check

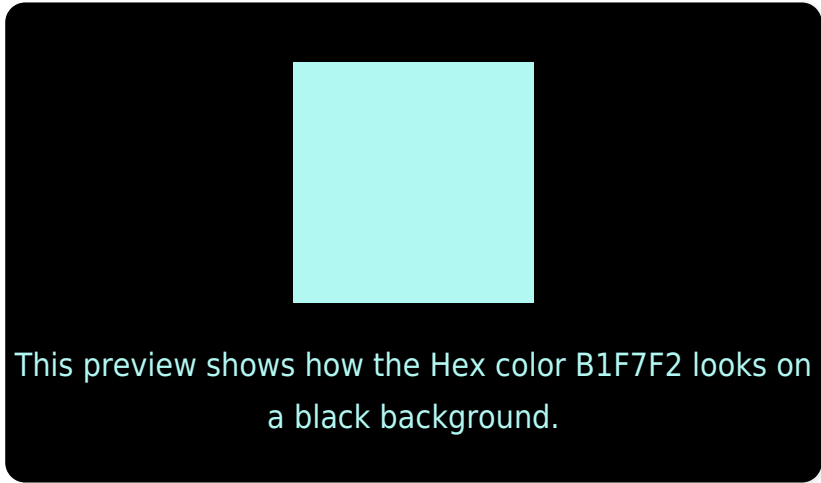
Large Text (above 18pt) WCAG AA × Fail

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

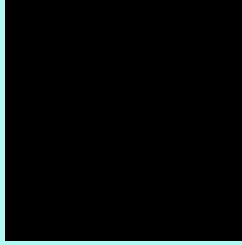
Any Text WCAG AA ✓ Pass

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 B1F7F2 Background



This preview shows how black text looks on a background with the Hex color B1F7F2.

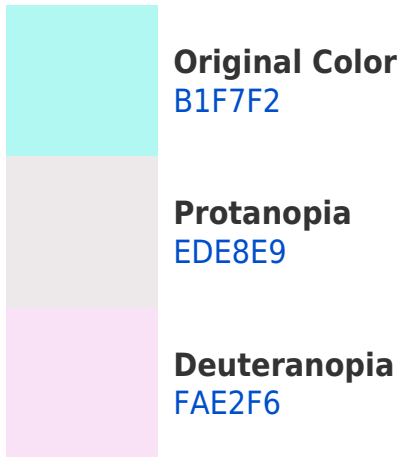


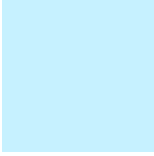
This preview shows how white text looks on a background with the Hex color B1F7F2.

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



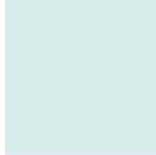


Tritanopia
C6F1FF

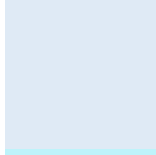
Trichromacy



Original Color
B1F7F2



Protanomaly
D7EDEC



Deuteranomaly
DFEAF5

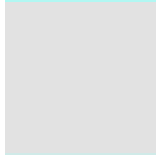


Tritanomaly
BEF3FA

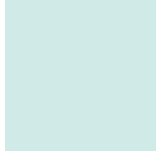
Monochromacy



Original Color
B1F7F2



Achromatopsia
E2E2E2



Achromatomaly
D0EAE8

CSS Examples

Text

The CSS property to change the color of the text to Hex B1F7F2 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 #B1F7F2 looks like.

```
.text, #text, p{  
    color:#B1F7F2  
}
```

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 #B1F7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F7F2
}
```

Border

The CSS property to change the border of an element to Hex B1F7F2 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
#B1F7F2 }
```

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

```
.border{ border-color:#B1F7F2 }
```

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

Here you see how a box with a 4 pixel #B1F7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F7F2; -webkit-box-shadow:4px 4px  
4px 4px #B1F7F2; box-shadow:4px 4px 4px  
4px #B1F7F2 }
```

Background

The CSS property to change the background color of an element to Hex B1F7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F7F2 }
```

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

```
.background{ background-color:#B1F7F2 }
```

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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