

Converting Colors

Hex(B2EFDE)

Have a look what the booklet for
Hex(B2EFDE) contains.

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Color

Hex(B2EFDE)

Conversions

Conversions Part 1

Format	Color
Hex	B2EFDE
RGB	178, 239, 222
RGB Percent	70%, 94%, 87%
CMY	0.3020, 0.0627, 0.1294
CMYK	0.26, 0.00, 0.07, 0.06
HSL	163°, 66%, 82%
HSV	163°, 26%, 94%
XYZ	62.4114, 76.4719, 80.5784
YIQ	218.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

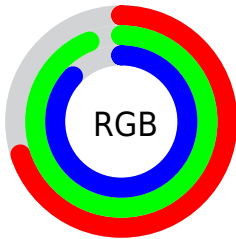
Format	Color
RYB	178, 213, 239
Decimal	11726814
CIELab	90.08, -22.64, 1.99
CIElCh	90, 22.731, 174.981
Yxy	76.4719, 0.2844, 0.3485
Android (android.graphics.Color)	4289916894 (0xFFB2EFDE)
YUV	218.8230, 1.5663, -35.8018
Hunter-Lab	87.4482, -25.6397, 6.5815

Details

The Hex color **B2EFDE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFB2C3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB7A7** is the 20% darker color. If you saturate the color by 10%, you get **9AEFD7**, and if you desaturate by 10%, it is **CAEFE5**.

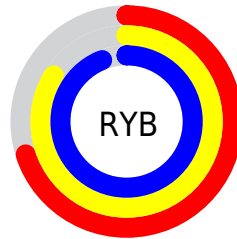
Distribution



Red (70%)

Green (94%)

Blue (87%)



Red (70%)

Yellow (84%)

Blue (94%)

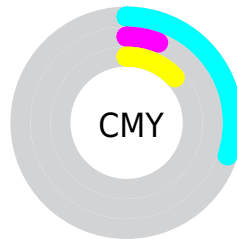


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EFDE 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 B2EFDE by changing the saturation by 10% instead.

 B2EFDE

FFFFFF

 EBFFFF

 B2EFDE


 97D3C2

 7CB7A7

 629C8D

 488273

 2E685B

 135043

 00392D

 002318

 000100

 B2EFDE

 B2EFDE

 9AEFD7

 CAEFE5

 82EFD1

 E2EFEB

 6AEFCA

 FAEFF2

 52EFC3

 FFEFF9

 3BEFBD

 FFEFFF

 23EFB6

 0BEFAF

 00EFAC

Harmonies

Analogous

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



C7ECC9



B2EFDE



A8EFF4

Triad

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



B2EFDE



E2DEFF



FFD9C0

Complementary

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



B2EFDE



EFB2C3

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.



FFD4D1



B2EFDE



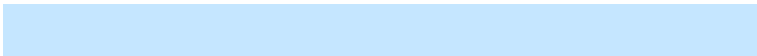
FBD8FC

Square

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



B2EFDE



C5E6FF



FFD4E7



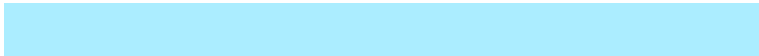
F7E0B8

Rectangle

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



B2EFDE



ABEDFF



FFD4E7



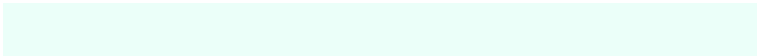
FFD7C5

Sweetspot

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



B2EFDE



EBFFF9



C3EFB2



73807C



000000



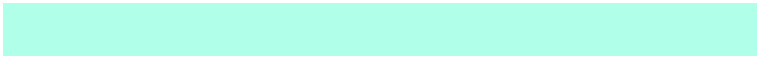
808080

Same Dimension

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



B2EFDE



B0FFE9



B2E2EF



6C7875



00B884



003828

Inverse Universe

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



EFB2C3



FFB0C6



EFBFB2



786C6F



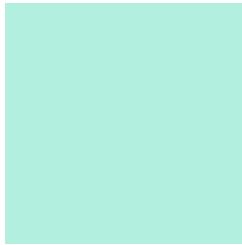
B80033



380010

Previews

White Background



This preview shows how the Hex color B2EFDE looks on a white background.

Color Contrast Check

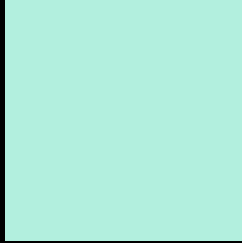
Large Text (above 18pt) WCAG AA × Fail

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 B2EFDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

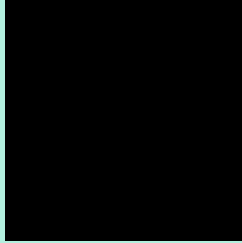
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

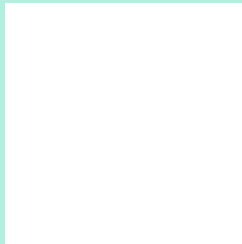
Any Text WCAG AAA ✓ Pass

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

Hex B2EFDE Background



This preview shows how black text looks on a background with the Hex color B2EFDE.

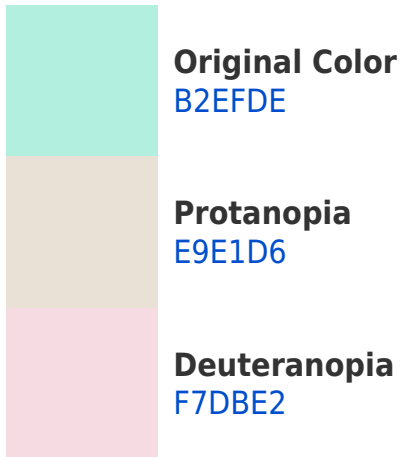


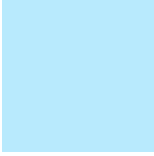
This preview shows how white text looks on a background with the Hex color B2EFDE.

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



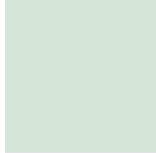


Tritanopia
B8EAFD

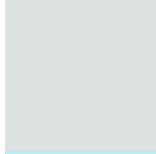
Trichromacy



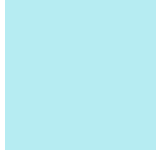
Original Color
B2EFDE



Protanomaly
D5E6D9

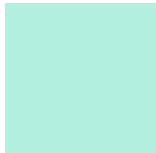


Deuteranomaly
DEE2E1

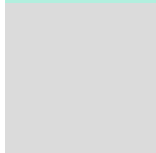


Tritanomaly
B6ECF2

Monochromacy



Original Color
B2EFDE



Achromatopsia
DBDBDB



Achromatomaly
CCE2DC

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EFDE 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 #B2EFDE looks like.

```
.text, #text, p{  
    color:#B2EFDE  
}
```

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 #B2EFDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EFDE
}
```

Border

The CSS property to change the border of an element to Hex B2EFDE 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
#B2EFDE }
```

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

```
.border{ border-color:#B2EFDE }
```

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

Here you see how a box with a 4 pixel #B2EFDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EFDE; -webkit-box-shadow:4px 4px  
4px 4px #B2EFDE; box-shadow:4px 4px 4px  
4px #B2EFDE }
```

Background

The CSS property to change the background color of an element to Hex B2EFDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EFDE }
```

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

```
.background{ background-color:#B2EFDE }
```

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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