

Converting Colors

Hex(BDEFE5)

Have a look what the booklet for
Hex(BDFE5) contains.

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Color

Hex(BDEFE5)

Conversions

Conversions Part 1

Format	Color
Hex	BDEFE5
RGB	189, 239, 229
RGB Percent	74%, 94%, 90%
CMY	0.2588, 0.0627, 0.1020
CMYK	0.21, 0.00, 0.04, 0.06
HSL	168°, 61%, 84%
HSV	168°, 21%, 94%
XYZ	65.9956, 78.2090, 85.7462
YIQ	222.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

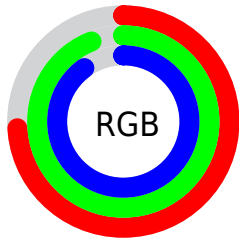
Format	Color
R _{YB}	189, 217, 239
Decimal	12447717
CIE Lab	90.88, -17.92, -0.42
CIE LCh	91, 17.920, 181.358
Yxy	78.2090, 0.2870, 0.3401
Android (android.graphics.Color)	4290637797 (0xFFBDEFE5)
YUV	222.9100, 3.0024, -29.7391
Hunter-Lab	88.4358, -21.5563, 4.4183

Details

The Hex color **BDEFE5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFBDC7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F6FFFF**, and **87B7AE** is the 20% darker color. If you saturate the color by 10%, you get **A5EFE0**, and if you desaturate by 10%, it is **D5EFEA**.

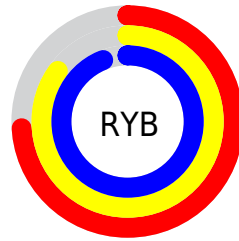
Distribution



Red (74%)

Green (94%)

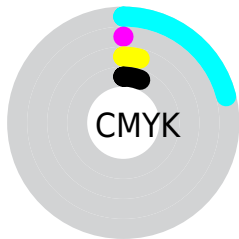
Blue (90%)



Red (74%)

Yellow (85%)

Blue (94%)

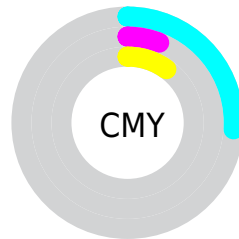


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDEFE5 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 BDEFE5 by changing the saturation by 10% instead.

 BDFEF5

FFFFFF

 F6FFFF

 BDFEF5

 A2D3C9

 87B7AE

 6D9C93

 538279

 3B6961

 225049

 063932

 00231D

 000604

 BDFEF5

 BDFEF5

 A5EFE0

 D5EFEA

 8DEFDB

 EDEFEF

 75EFD7

 FFEFF3

 5DEFD2

 FFEFF8

 46EFCB

 FFEFFD

 2EEFC8

 FFEFFF

 16EFC4

 00EFB8

Harmonies

Analogous

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



CBEDD4



BDEFE5



B8EEF6

Triad

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



BDEFE5



E9E0FF



FFDEC7

Complementary

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



BDEFE5



EFBDC7

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.



FFDAD4



BDEFE5



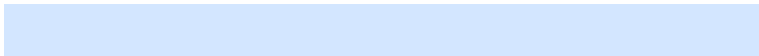
FCDBF6

Square

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



BDEFE5



D3E6FF



FFD9E5



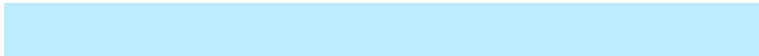
F2E4C3

Rectangle

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



BDEFE5



BDECFE



FFD9E5



FFDDCB

Sweetspot

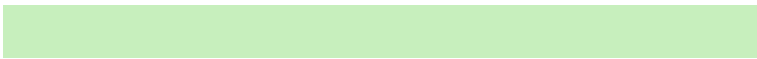
The Sweet Spot groups the original color and five complimentary colors.



BDEFE5



F0FFFC



C7EFBD



77807E



000000



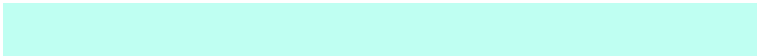
808080

Same Dimension

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



BDEFE5



BFFFF2



BDE0EF



6C7875



00B893



00382D

Inverse Universe

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



EFBDC7



FFBFCC



EFCCBD



786C6E



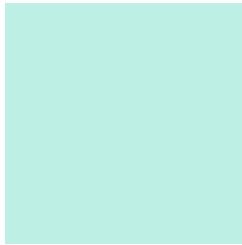
B80025



38000B

Previews

White Background



This preview shows how the Hex color BDEFE5 looks on a white background.

Color Contrast Check

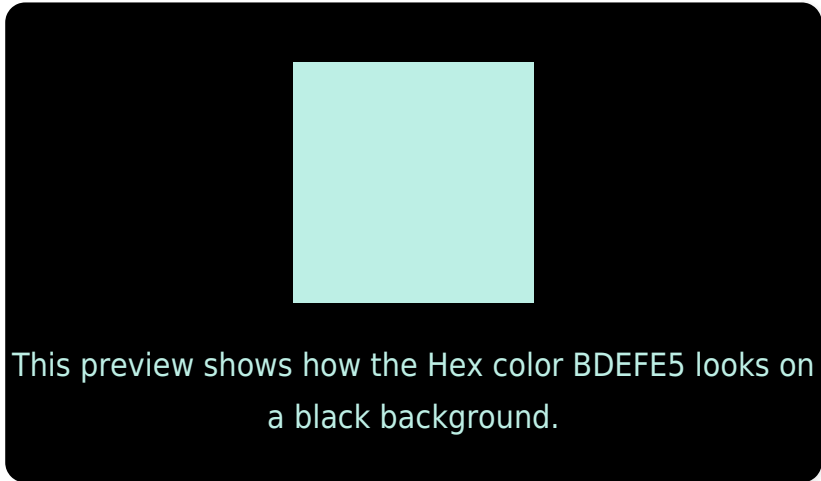
Large Text (above 18pt) WCAG AA × Fail

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

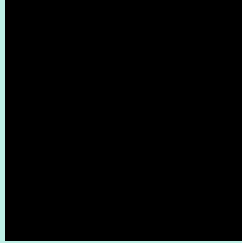
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

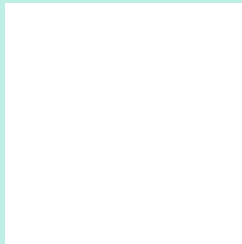
Any Text WCAG AAA ✓ Pass

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

Hex BDFE5 Background



This preview shows how black text looks on a background with the Hex color BDFE5.



This preview shows how white text looks on a background with the Hex color BDFE5.

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



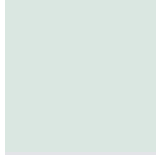


Tritanopia
C2EBFE

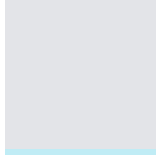
Trichromacy



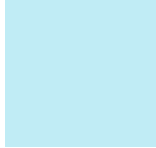
Original Color
BDEFE5



Protanomaly
DAE7E1



Deuteranomaly
E3E4E8

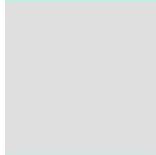


Tritanomaly
C0ECF5

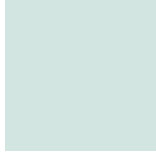
Monochromacy



Original Color
BDEFE5



Achromatopsia
DFDFDF



Achromatomaly
D3E5E1

CSS Examples

Text

The CSS property to change the color of the text to Hex BDEFE5 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 #BDEFE5 looks like.

```
.text, #text, p{  
    color:#BDEFE5  
}
```

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 #BDEFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEFE5
}
```

Border

The CSS property to change the border of an element to Hex BDEFE5 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
#BDEFE5 }
```

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

```
.border{ border-color:#BDEFE5 }
```

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

Here you see how a box with a 4 pixel #BDEFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEFE5; -webkit-box-shadow:4px 4px  
4px 4px #BDEFE5; box-shadow:4px 4px 4px  
4px #BDEFE5 }
```

Background

The CSS property to change the background color of an element to Hex BDEFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEFE5 }
```

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

```
.background{ background-color:#BDEFE5 }
```

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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