

Converting Colors

Hex(BDF2E2)

Have a look what the booklet for
Hex(BDF2E2) contains.

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Color

Hex(BDF2E2)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF2E2</code>
RGB	189, 242, 226
RGB Percent	74%, 95%, 89%
CMY	0.2588, 0.0510, 0.1137
CMYK	0.22, 0.00, 0.07, 0.05
HSL	162°, 67%, 85%
HSV	162°, 22%, 95%
XYZ	66.4659, 79.8141, 83.8540
YIQ	224.3290, -26.4520, -16.2120

Conversions

Conversions Part 2

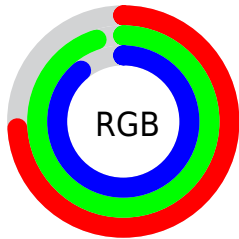
Format	Color
RYB	189, 220, 242
Decimal	12448482
CIELab	91.60, -20.00, 2.20
CIELCh	92, 20.116, 173.732
Yxy	79.8141, 0.2888, 0.3468
Android (android.graphics.Color)	4290638562 (0xFFBDF2E2)
YUV	224.3290, 0.8238, -30.9835
Hunter-Lab	89.3387, -23.5430, 6.8870

Details

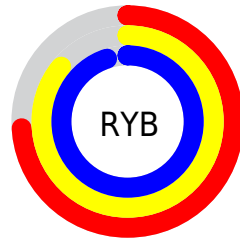
The Hex color **BDF2E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2BDCD**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F6FFFF**, and **87BAAB** is the 20% darker color. If you saturate the color by 10%, you get **A5F2DB**, and if you desaturate by 10%, it is **D5F2E9**.

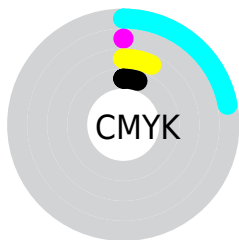
Distribution



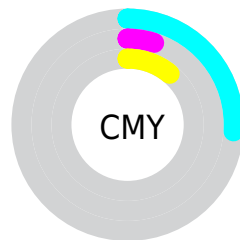
- Red (74%)
- Green (95%)
- Blue (89%)



- Red (74%)
- Yellow (86%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF2E2 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 BDF2E2 by changing the saturation by 10% instead.

 BDF2E2

FFFFFF

 F6FFFF

 BDF2E2

 A1D6C6

 87BAAB

 6D9F90

 538477

 3A6B5E

 225346

 053B30

 00251B

 000B00

 BDF2E2

 BDF2E2

 A5F2DB

 D5F2E9

 8DF2D3

 EDF2F1

 74F2CC

 FFF2F8

 5CF2C5

 FFF2FF

 44F2BD

 2CF2B6

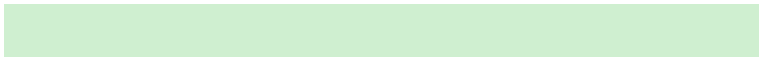
 14F2AF

 00F2A9

Harmonies

Analogous

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



CFEFD0



BDF2E2



B4F2F6

Triad

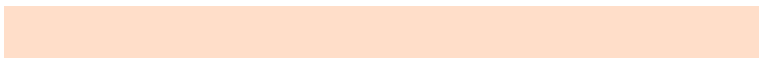
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDF2E2



E5E3FF



FFDEC9

Complementary

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



BDF2E2



F2BDCD

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.



FFDAD8



BDF2E2



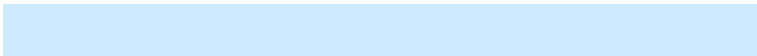
FCDDFE

Square

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



BDF2E2



CDEAFF



FFDAEC



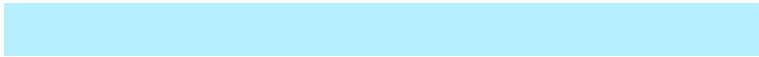
FAE4C1

Rectangle

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



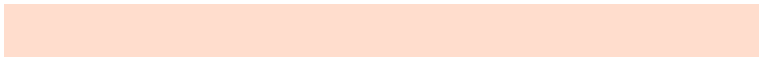
`BDF2E2`



`B6F0FF`



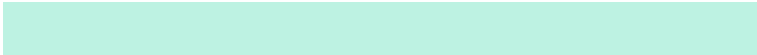
`FFDAEC`



`FFDDCD`

Sweetspot

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



BDF2E2



EDFFFA



CEF2BD



75807C



000000



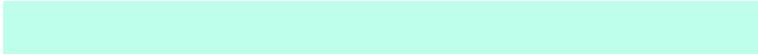
808080

Same Dimension

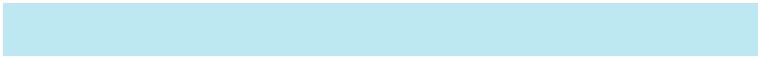
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF2E2



BDFFE8



BDE8F2



6C7874



00B880



003827

Inverse Universe

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



F2BDCD



FFBDD1



F2C7BD



786C6F



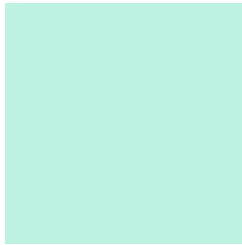
B80037



380011

Previews

White Background



This preview shows how the Hex color BDF2E2 looks on a white background.

Color Contrast Check

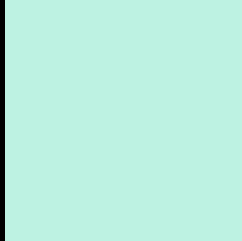
Large Text (above 18pt) WCAG AA × Fail

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 BDF2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

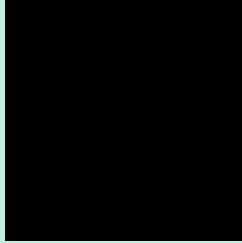
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

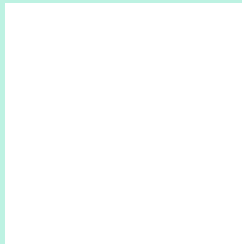
Any Text WCAG AAA ✓ Pass

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

Hex BDF2E2 Background



This preview shows how black text looks on a background with the Hex color BDF2E2.

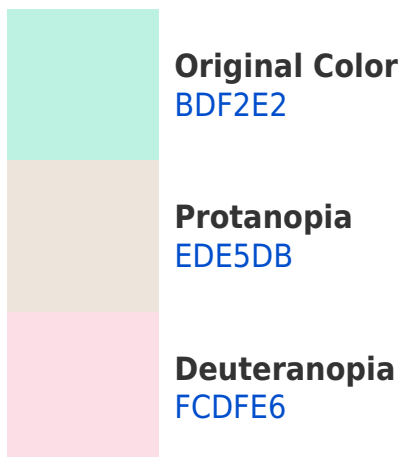


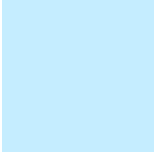
This preview shows how white text looks on a background with the Hex color BDF2E2.

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



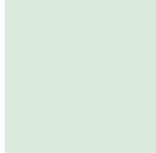


Tritanopia
C5EDFF

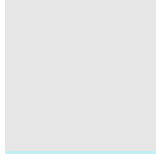
Trichromacy



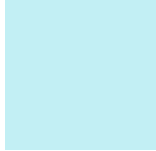
Original Color
BDF2E2



Protanomaly
DCEADE

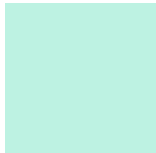


Deuteranomaly
E5E6E5

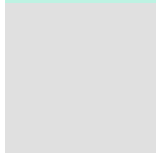


Tritanomaly
C2EFF4

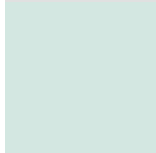
Monochromacy



Original Color
BDF2E2



Achromatopsia
E0E0E0



Achromatomaly
D3E7E1

CSS Examples

Text

The CSS property to change the color of the text to Hex BDF2E2 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 #BDF2E2 looks like.

```
.text, #text, p{  
    color:#BDF2E2  
}
```

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 #BDF2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF2E2
}
```

Border

The CSS property to change the border of an element to Hex BDF2E2 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
#BDF2E2 }
```

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

```
.border{ border-color:#BDF2E2 }
```

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

Here you see how a box with a 4 pixel #BDF2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF2E2; -webkit-box-shadow:4px 4px  
4px 4px #BDF2E2; box-shadow:4px 4px 4px  
4px #BDF2E2 }
```

Background

The CSS property to change the background color of an element to Hex BDF2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF2E2 }
```

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

```
.background{ background-color:#BDF2E2 }
```

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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