

# Converting Colors

Hex(BFDDDE)

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

<b>Hex(BFDDDE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BFDDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFDDDE
RGB	191, 221, 222
RGB Percent	75%, 87%, 87%
CMY	0.2510, 0.1333, 0.1294
CMYK	0.14, 0.00, 0.00, 0.13
HSL	182°, 32%, 81%
HSV	182°, 14%, 87%
XYZ	60.5271, 68.0632, 79.0546
YIQ	212.1440, -18.2010, -6.0490

# Conversions

## Conversions Part 2

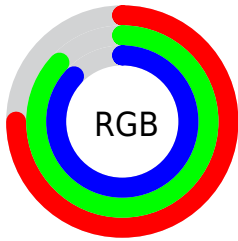
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	191, 206, 222
Decimal	12574174
CIE Lab	86.04, -9.65, -3.83
CIE LCh	86, 10.381, 201.647
Yxy	68.0632, 0.2915, 0.3278
Android (android.graphics.Color)	4290764254 (0xFFBFDDDE)
YUV	212.1440, 4.8590, -18.5433
Hunter-Lab	82.5004, -13.4177, 0.9367

# Details

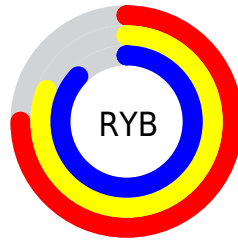
The Hex color **BFDDDE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEC0BF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F8FFFF**, and **89A6A7** is the 20% darker color. If you saturate the color by 10%, you get **A9DCDE**, and if you desaturate by 10%, it is **D5DEDE**.

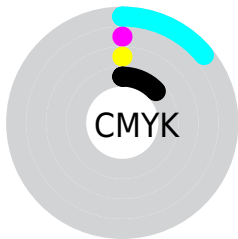
# Distribution



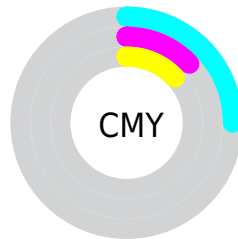
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 BFDDDE

FFFFFF

 F8FFFF

 BFDDDE

 A4C1C2

 89A6A7

 6F8C8D

 577273

 3F5A5B

 284243

 122C2D

 001818

 000000

 BFDDDE

 BFDDDE

 A9DCDE

 D5DEDE

 93DCDE

 EBDEDE

 7CDBDE

 FFDDEDE

 66DADE

 FFE0DE

 50D9DE

 FFE1DE

 3AD9DE

 FFE2DE

 24D8DE

 FFE3DE

 0DD7DE

 00D7DE

# Harmonies

## Analogous

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



C3DDD4



BFDDDE



C1DCE6

# Triad

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



BFDDDE



E2D3E3



E2D6C4

# Complementary

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



BFDDDE



DEC0BF

# 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.



EAD3C8



BFDDDE



EAD1DA

# Square

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



BFDDDE



D6D6E9



EDD1D0



D8D9C5

# Rectangle

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



BFDDDE



C7DAEA



EDD1D0



E5D4C5



# Sweetspot

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



BFDDDE



F5FFFF



BFDEC0



797F80



000000



808080



# Same Dimension

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



BFDDDE



D4FEFF



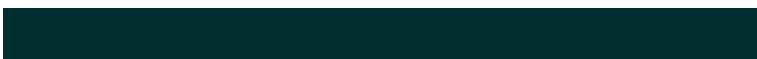
BFCEDF



657070



00AAB0



002F30



# Inverse Universe

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



DEBFDD



FFD4FE



DECFBF



706570



B000AA

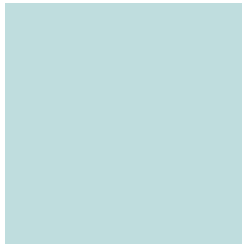


30002F



# Previews

## White Background



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

## Color Contrast Check

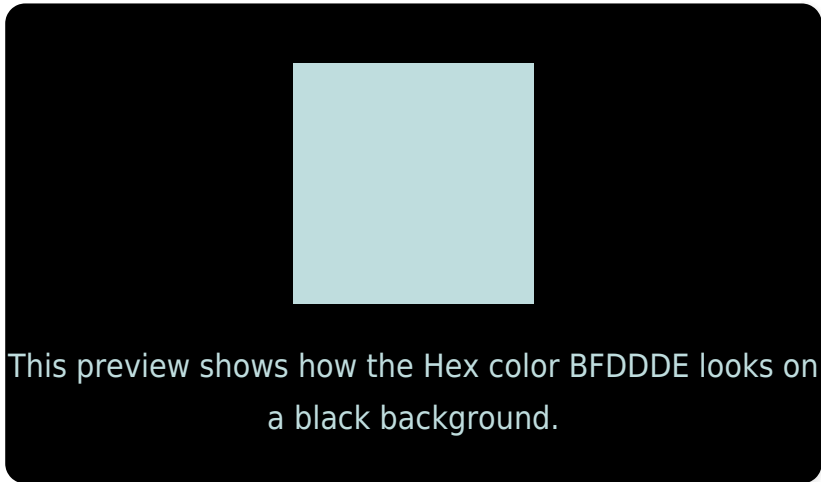
Large Text (above 18pt) WCAG AA × Fail

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

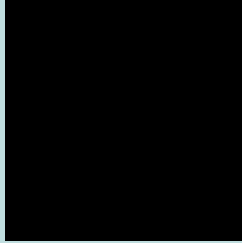
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

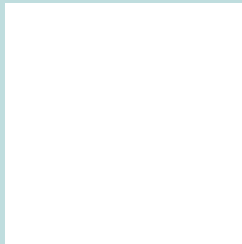
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFDDDE Background



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

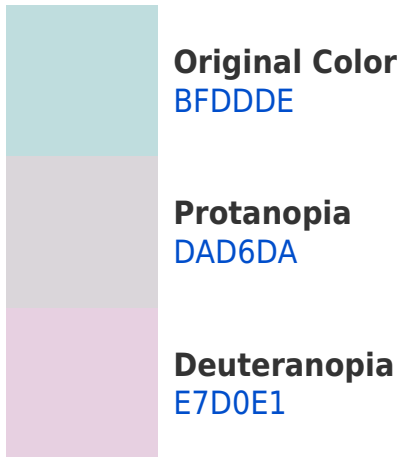


This preview shows how white text looks on a background with the Hex color BFDDDE.

# 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

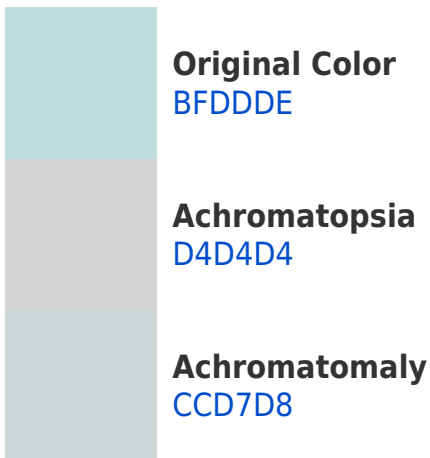




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BFDDDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor