

# Converting Colors

Hex(BBEDC2)

Have a look what the booklet for  
Hex(BBEDC2) contains.

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# **Color**

**Hex(BBEDC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBEDC2
RGB	187, 237, 194
RGB Percent	73%, 93%, 76%
CMY	0.2667, 0.0706, 0.2392
CMYK	0.21, 0.00, 0.18, 0.07
HSL	128°, 58%, 83%
HSV	128°, 21%, 93%
XYZ	60.5153, 75.0282, 62.3313
YIQ	217.1480, -15.9970, -23.9730

# Conversions

## Conversions Part 2

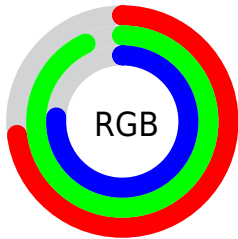
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 231, 237</a>
Decimal	<a href="#">12316098</a>
CIELab	<a href="#">89.41, -24.19, 15.67</a>
CIELCh	<a href="#">89, 28.826, 147.071</a>
Yxy	<a href="#">75.0282, 0.3058, 0.3792</a>
Android (android.graphics.Color)	<a href="#">4290506178 (0xFFBBEDC2)</a>
YUV	<a href="#">217.1480, -11.4120, -26.4398</a>
Hunter-Lab	<a href="#">86.6188, -26.8758, 17.9678</a>

# Details

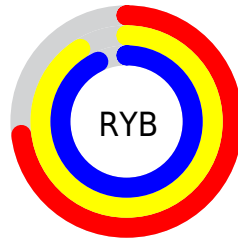
The Hex color **BBEDC2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EDBBE6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F4FFFB**, and **85B58C** is the 20% darker color. If you saturate the color by 10%, you get **A3EDAE**, and if you desaturate by 10%, it is **D3EDD6**.

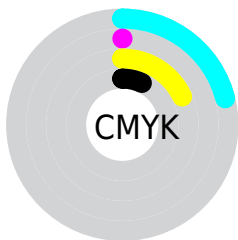
# Distribution



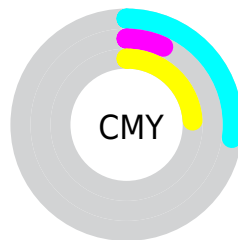
- Red (73%)
- Green (93%)
- Blue (76%)



- Red (73%)
- Yellow (91%)
- Blue (93%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBEDC2 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 BBEDC2 by changing the saturation by 10% instead.



 BBEDC2

FFFFFF

 F4FFFB

 BBEDC2


 A0D1A7

 85B58C

 6B9A73

 52805A

 396742

 214E2C

 073717

 002200

 000000

 BBEDC2

 BBEDC2

 A3EDAE

 D3EDD6

 8CED99

 EAEDEB

 74ED85

 FFEDFF

 5CED70

 44ED5C

 2DED48

 15ED33

 00ED21

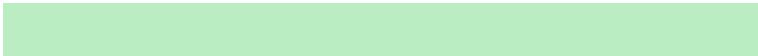
# Harmonies

## Analogous

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



DBE7AF



BBEDC2



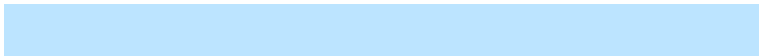
9FF0DD

# Triad

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



BBEDC2



BCE4FF



FFCEC9

# Complementary

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



BBEDC2



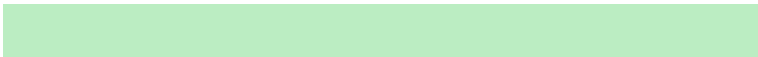
EDBBE6

# 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.



FFCDE4



BBEDC2



E2DBFF

# Square

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



BBEDC2



9CECFF



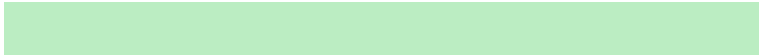
FFD2FF



FFD5B3

# Rectangle

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



BBEDC2



94F0F0



FFD2FF

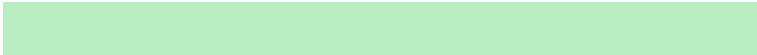


FFCDD2



# Sweetspot

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



BBEDC2



F0FFF2



E6EDBB



778078



000000



808080

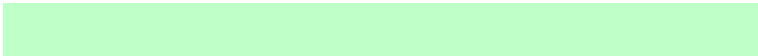


# Same Dimension

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



BBEDC2



BFFFC8



BBEDDB



6A756B



00B519



003607



# Inverse Universe

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



EDBBE6



FFBFF6



EDBBCD



756A74



B5009C

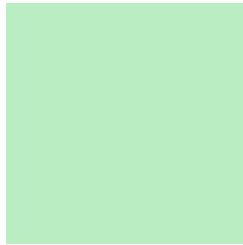


36002E



# Previews

## White Background



This preview shows how the Hex color BBEDC2 looks on a white background.

## Color Contrast Check

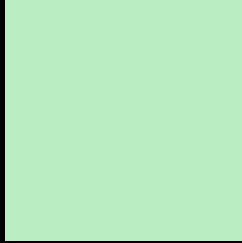
Large Text (above 18pt) WCAG AA × Fail

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 BBEDC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

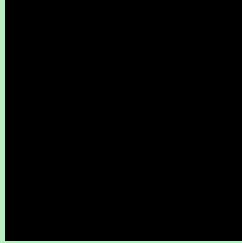
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

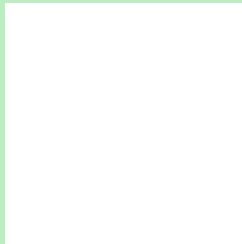
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBEDC2 Background



This preview shows how black text looks on a background with the Hex color BBEDC2.

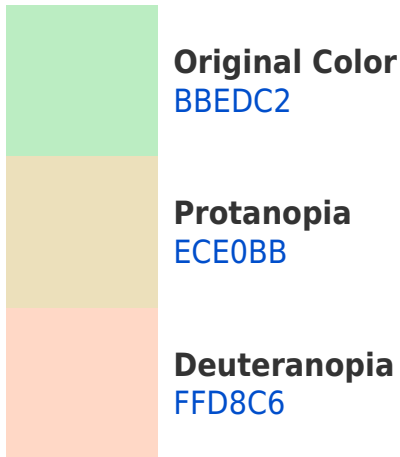


This preview shows how white text looks on a background with the Hex color BBEDC2.

# 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



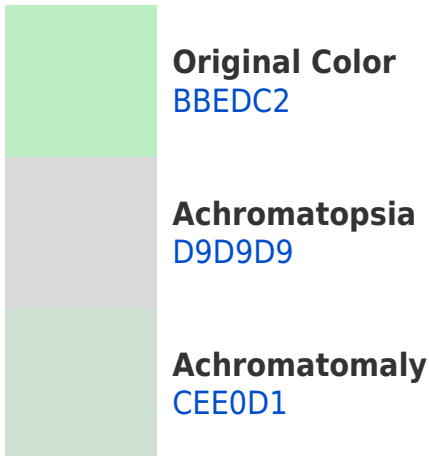


**Tritanopia**  
C4E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBEDC2 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 #BBEDC2 looks like.

```
.text, #text, p{  
    color:#BBEDC2  
}
```

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 #BBEDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBEDC2
}
```

## Border

The CSS property to change the border of an element to Hex BBEDC2 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
#BBEDC2 }
```

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

```
.border{ border-color:#BBEDC2 }
```

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

Here you see how a box with a 4 pixel #BBEDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBEDC2; -webkit-box-shadow:4px 4px  
4px 4px #BBEDC2; box-shadow:4px 4px 4px  
4px #BBEDC2 }
```

# Background

The CSS property to change the background color of an element to Hex BBEDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBEDC2 }
```

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

```
.background{ background-color:#BBEDC2 }
```

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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