

# Converting Colors

Hex(BDE5B5)

Have a look what the booklet for  
Hex(BDE5B5) contains.

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# **Color**

**Hex(BDE5B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE5B5
RGB	189, 229, 181
RGB Percent	74%, 90%, 71%
CMY	0.2588, 0.1020, 0.2902
CMYK	0.17, 0.00, 0.21, 0.10
HSL	110°, 48%, 80%
HSV	110°, 21%, 90%
XYZ	57.3461, 70.1936, 54.2423
YIQ	211.5680, -8.4320, -23.4080

# Conversions

## Conversions Part 2

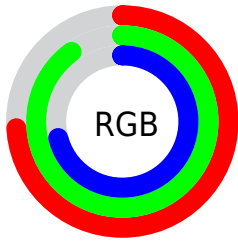
Format	Color
<b>RYB</b>	181, 229, 221
Decimal	12445109
CIELab	87.09, -21.86, 19.20
CIELCh	87, 29.095, 138.713
Yxy	70.1936, 0.3155, 0.3861
Android (android.graphics.Color)	4290635189 (0xFFBDE5B5)
YUV	211.5680, -15.0700, -19.7921
Hunter-Lab	83.7816, -24.4399, 20.2613

# Details

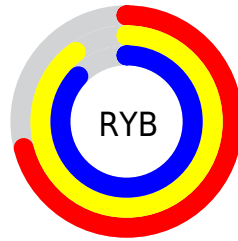
The Hex color **BDE5B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DDB5E5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F6FFED**, and **87AD80** is the 20% darker color. If you saturate the color by 10%, you get **AAE59E**, and if you desaturate by 10%, it is **D0E5CC**.

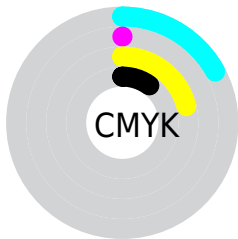
# Distribution



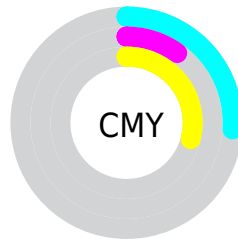
- Red (74%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE5B5 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 BDE5B5 by changing the saturation by 10% instead.



 BDE5B5

FFFFFF

 F6FFED

 BDE5B5

 A2C99A

 87AD80

 6D9367

 54794F

 3C6037

 254821

 0D310C

 001E00

 000000

 BDE5B5

 BDE5B5

 AAE59E

 D0E5CC

 97E587

 E3E5E3

 84E570

 F6E5FA

 71E559

 FFE5FF

 5EE542

 4AE52C

 37E515

 26E500

# Harmonies

## Analogous

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



DDDEA6



BDE5B5



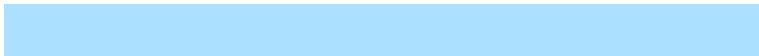
9FE9CE

# Triad

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



BDE5B5



ABE0FF



FFC7CA

# Complementary

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



BDE5B5



DDB5E5

# 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.



FFC7E6



BDE5B5



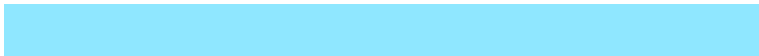
D1D7FF

# Square

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



BDE5B5



8FE7FF



F3CDFE



FFCCB2

# Rectangle

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



BDE5B5



90EAE1



F3CDFF



FFC6D3

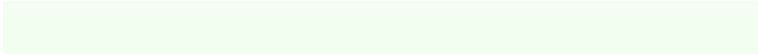


# Sweetspot

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



BDE5B5



F2FFF0



E5DDB5



788077



000000



808080

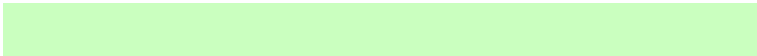


# Same Dimension

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



BDE5B5



CAFFBF



B5E5C5



697367



1EB300



083300



# Inverse Universe

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



DDB5E5



F4BFFF



E5B5D5



716773



9500B3



2B0033



# Previews

## White Background



This preview shows how the Hex color BDE5B5 looks on a white background.

## Color Contrast Check

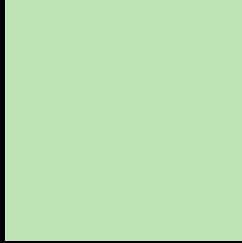
Large Text (above 18pt) WCAG AA × Fail

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 BDE5B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

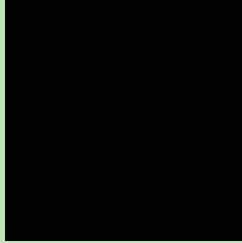
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

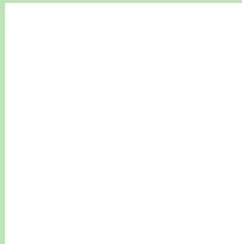
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDE5B5 Background



This preview shows how black text looks on a background with the Hex color BDE5B5.

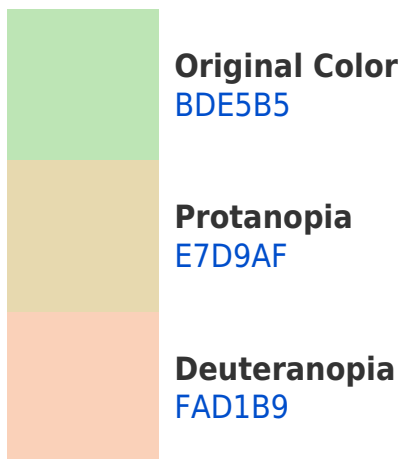


This preview shows how white text looks on a background with the Hex color BDE5B5.

# Color Blindness Simulation

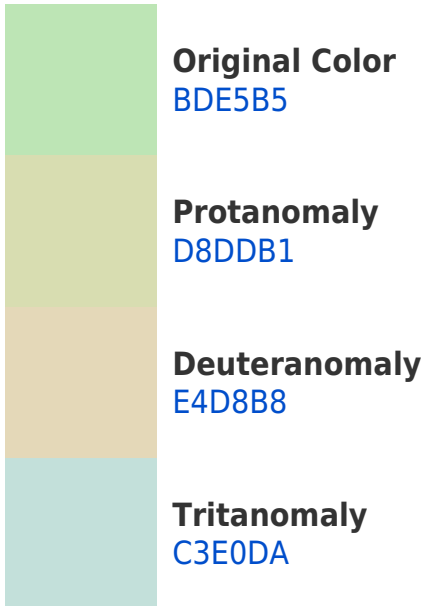
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

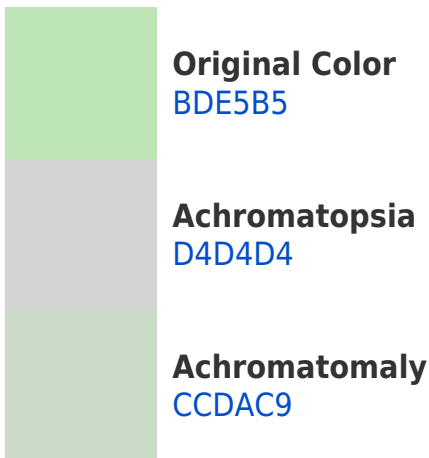




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE5B5 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 #BDE5B5 looks like.

```
.text, #text, p{  
    color:#BDE5B5  
}
```

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 #BDE5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE5B5
}
```

## Border

The CSS property to change the border of an element to Hex BDE5B5 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
#BDE5B5 }
```

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

```
.border{ border-color:#BDE5B5 }
```

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

Here you see how a box with a 4 pixel #BDE5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE5B5; -webkit-box-shadow:4px 4px  
4px 4px #BDE5B5; box-shadow:4px 4px 4px  
4px #BDE5B5 }
```

# Background

The CSS property to change the background color of an element to Hex BDE5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE5B5 }
```

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

```
.background{ background-color:#BDE5B5 }
```

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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