

# Converting Colors

Hex(BDE6C5)

Have a look what the booklet for  
Hex(BDE6C5) contains.

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# **Color**

**Hex(BDE6C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE6C5
RGB	189, 230, 197
RGB Percent	74%, 90%, 77%
CMY	0.2588, 0.0980, 0.2275
CMYK	0.18, 0.00, 0.14, 0.10
HSL	132°, 45%, 82%
HSV	132°, 18%, 90%
XYZ	59.3611, 71.4437, 63.4847
YIQ	213.9790, -13.8430, -18.9550

# Conversions

## Conversions Part 2

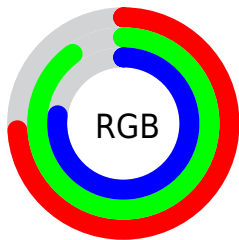
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 223, 230
Decimal	12445381
CIELab	87.70, -19.59, 11.71
CIELCh	88, 22.826, 149.135
Yxy	71.4437, 0.3055, 0.3677
Android (android.graphics.Color)	4290635461 (0xFFBDE6C5)
YUV	213.9790, -8.3706, -21.9066
Hunter-Lab	84.5244, -22.5578, 14.6354

# Details

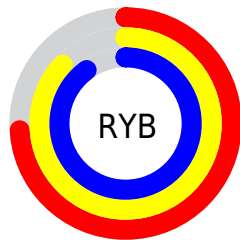
The Hex color **BDE6C5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6BDDE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F6FFFE**, and **87AE8F** is the 20% darker color. If you saturate the color by 10%, you get **A6E6B2**, and if you desaturate by 10%, it is **D4E6D8**.

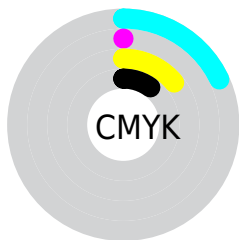
# Distribution



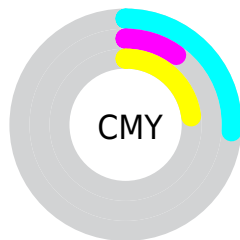
- Red (74%)
- Green (90%)
- Blue (77%)



- Red (74%)
- Yellow (87%)
- Blue (90%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE6C5 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 BDE6C5 by changing the saturation by 10% instead.



 BDE6C5

FFFFFF

 F6FFFE

 BDE6C5

 A2CAAA

 87AE8F

 6D9476

 557A5D

 3D6145

 25492F

 0E321A

 001E00

 000000

 BDE6C5

 BDE6C5

 A6E6B2

 D4E6D8

 8FE6A0

 EBE6EA

 78E68D

 FFE6FD

 61E67B

 FFE6FF

 4AE668

 33E656

 1CE643

 05E631

 00E62D

# Harmonies

## Analogous

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



D6E1B6



BDE6C5



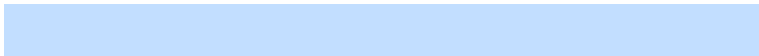
A9E8DA

# Triad

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



BDE6C5



C2DEFF



FFCEC8

# Complementary

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



BDE6C5



E6BDDE

# 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.



FFCDDD



BDE6C5



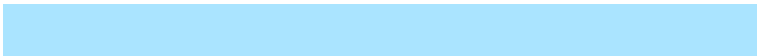
DFD7FF

# Square

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



BDE6C5



AAE4FF



F8D0F2



FFD3B7

# Rectangle

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



BDE6C5



A2E8E9



F8D0F2



FFCDCF



# Sweetspot

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



BDE6C5



F2FFF5



DEE6BD



788079



000000



808080

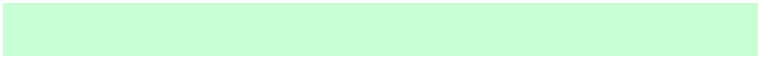


# Same Dimension

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



BDE6C5



C9FFD4



BDE6D9



67736A



00B323



00330A



# Inverse Universe

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



E6BDDE



FFC9F5



E6BDCA



736771



B30090

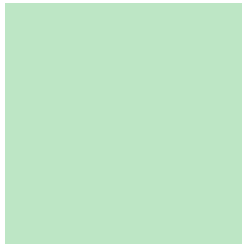


330029



# Previews

## White Background



This preview shows how the Hex color BDE6C5 looks on a white background.

## Color Contrast Check

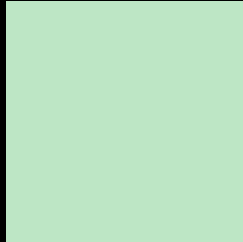
Large Text (above 18pt) WCAG AA × Fail

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 BDE6C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

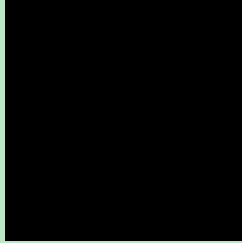
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

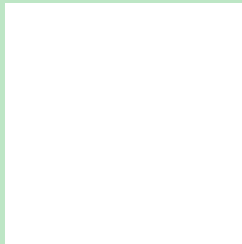
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDE6C5 Background



This preview shows how black text looks on a background with the Hex color BDE6C5.

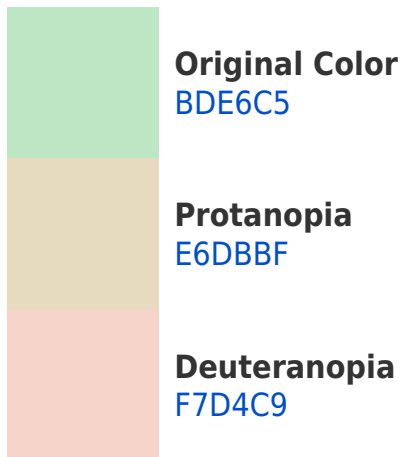


This preview shows how white text looks on a background with the Hex color BDE6C5.

# 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

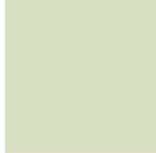




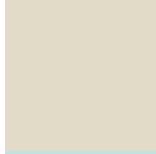
# Trichromacy



**Original Color**  
BDE6C5



**Protanomaly**  
D7DFC1



**Deuteranomaly**  
E2DBC8

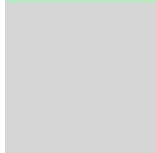


**Tritanomaly**  
C2E2E2

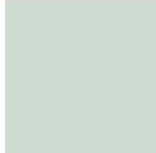
# Monochromacy



**Original Color**  
BDE6C5



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CDDCD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE6C5 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 #BDE6C5 looks like.

```
.text, #text, p{  
    color:#BDE6C5  
}
```

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 #BDE6C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE6C5
}
```

## Border

The CSS property to change the border of an element to Hex BDE6C5 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
#BDE6C5 }
```

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

```
.border{ border-color:#BDE6C5 }
```

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

Here you see how a box with a 4 pixel #BDE6C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE6C5; -webkit-box-shadow:4px 4px  
4px 4px #BDE6C5; box-shadow:4px 4px 4px  
4px #BDE6C5 }
```

# Background

The CSS property to change the background color of an element to Hex BDE6C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE6C5 }
```

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

```
.background{ background-color:#BDE6C5 }
```

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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