

# Converting Colors

Hex(BDD4E5)

Have a look what the booklet for  
Hex(BDD4E5) contains.

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# Color

**Hex(BDD4E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD4E5
RGB	189, 212, 229
RGB Percent	74%, 83%, 90%
CMY	0.2588, 0.1686, 0.1020
CMYK	0.17, 0.07, 0.00, 0.10
HSL	206°, 43%, 82%
HSV	206°, 17%, 90%
XYZ	58.6726, 63.5629, 83.3052
YIQ	207.0610, -19.1650, 0.4110

# Conversions

## Conversions Part 2

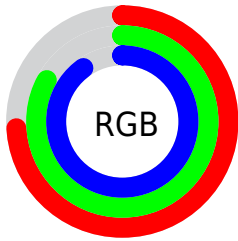
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 204, 229
Decimal	12440805
CIE Lab	83.74, -4.17, -10.96
CIE LCh	84, 11.728, 249.160
Yxy	63.5629, 0.2855, 0.3092
Android (android.graphics.Color)	4290630885 (0xFFBDD4E5)
YUV	207.0610, 10.8159, -15.8395
Hunter-Lab	79.7264, -8.1586, -6.1430

# Details

The Hex color **BDD4E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5CEBD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F6FFFF**, and **879DAE** is the 20% darker color. If you saturate the color by 10%, you get **A6CAE5**, and if you desaturate by 10%, it is **D4DEE5**.

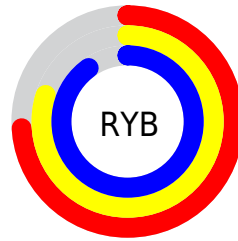
# Distribution



Red (74%)

Green (83%)

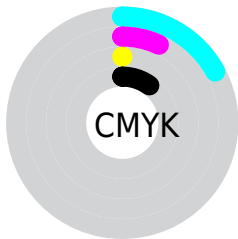
Blue (90%)



Red (74%)

Yellow (80%)

Blue (90%)

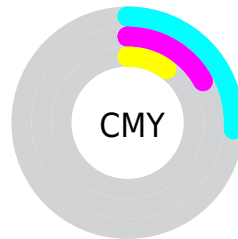


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (17%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD4E5 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 BDD4E5 by changing the saturation by 10% instead.



 BDD4E5

FFFFFF

 F6FFFF

 BDD4E5

 A2B8C9

 879DAE

 6E8393

 556A79

 3D5260

 263B49

 0F2532

 00111D

 000000

 BDD4E5

 BDD4E5

 A6CAE5

 D4DEE5

 8FC1E5

 EBE7E5

 78B7E5

 FFF1E5

 61ADE5

 FFFBE5

 4BA3E5

 FFFF E5

 349AE5

 1D90E5

 0686E5

 0084E5

# Harmonies

## Analogous

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



B6D6DE



BDD4E5



C9D1E6

# Triad

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



BDD4E5



E8C9CE



CAD4BF

# Complementary

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



BDD4E5



E5CEBD

# 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.



D6D1BB



BDD4E5



E8CBC3

# Square

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



BDD4E5



E2CAD9



E1CDBC



BED7C9

# Rectangle

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



BDD4E5



D3CEE4



E1CDBC



CED3BD

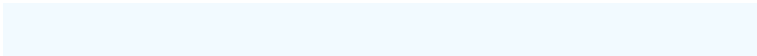


# Sweetspot

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



BDD4E5



F2FAFF



BDE5CE



787C80



000000



808080

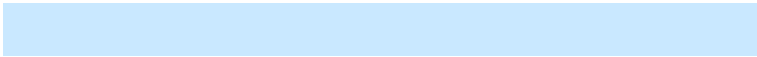


# Same Dimension

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



BDD4E5



C9E8FF



BDC0E5



676E73



0067B3



001D33



# Inverse Universe

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



E5BDD4



FFC9E8



E5E2BD



73676E



B30067

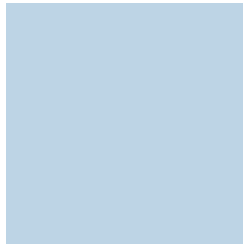


33001D



# Previews

## White Background



This preview shows how the Hex color BDD4E5 looks on a white background.

## Color Contrast Check

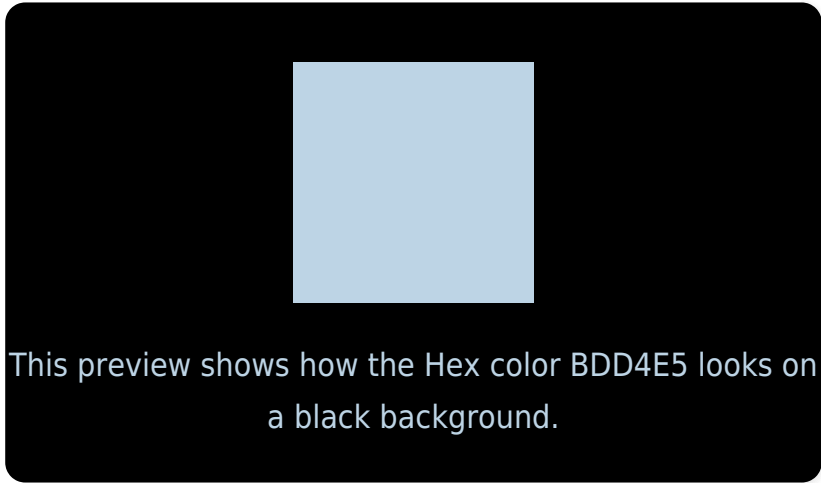
Large Text (above 18pt) WCAG AA × Fail

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

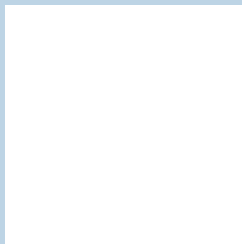
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD4E5 Background



This preview shows how black text looks on a background with the Hex color BDD4E5.

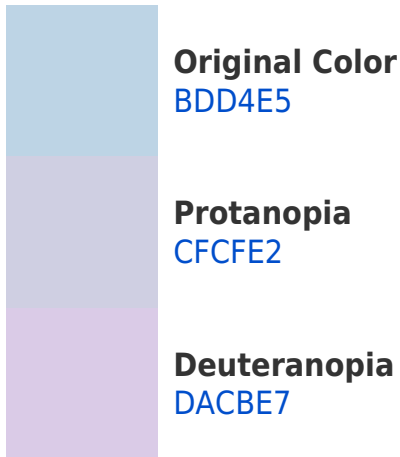


This preview shows how white text looks on a background with the Hex color BDD4E5.

# 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](#).

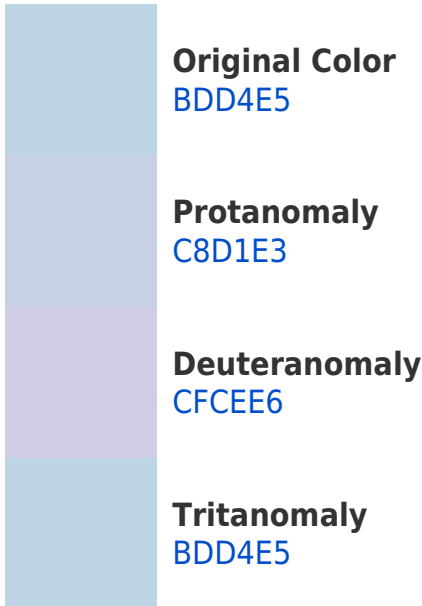
## Dichromacy



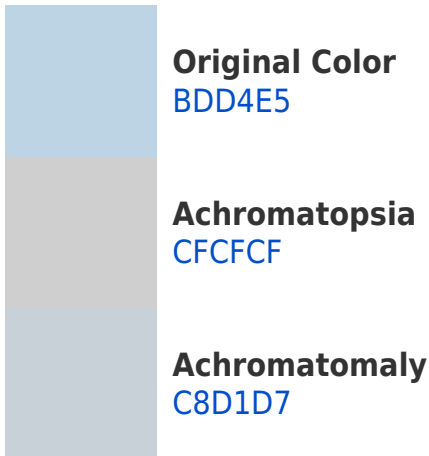


**Tritanopia**  
BDD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD4E5 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 #BDD4E5 looks like.

```
.text, #text, p{  
    color:#BDD4E5  
}
```

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 #BDD4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD4E5  
}
```

## Border

The CSS property to change the border of an element to Hex BDD4E5 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  
#BDD4E5 }
```

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

```
.border{ border-color:#BDD4E5 }
```

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

Here you see how a box with a 4 pixel #BDD4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD4E5; -webkit-box-shadow:4px 4px  
4px 4px #BDD4E5; box-shadow:4px 4px 4px  
4px #BDD4E5 }
```

# Background

The CSS property to change the background color of an element to Hex BDD4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD4E5 }
```

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

```
.background{ background-color:#BDD4E5 }
```

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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