

Converting Colors

Hex(BDE9D4)

Have a look what the booklet for
Hex(BDE9D4) contains.

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Color

Hex(BDE9D4)

Conversions

Conversions Part 1

Format	Color
Hex	BDE9D4
RGB	189, 233, 212
RGB Percent	74%, 91%, 83%
CMY	0.2588, 0.0863, 0.1686
CMYK	0.19, 0.00, 0.09, 0.09
HSL	151°, 50%, 83%
HSV	151°, 19%, 91%
XYZ	62.0088, 73.8501, 73.2736
YIQ	217.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

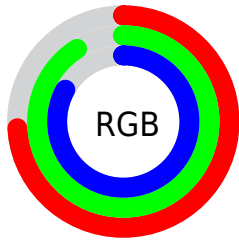
Format	Color
RYB	189, 218, 233
Decimal	12446164
CIELab	88.85, -18.29, 5.51
CIElCh	89, 19.107, 163.225
Yxy	73.8501, 0.2965, 0.3531
Android (android.graphics.Color)	4290636244 (0xFFBDE9D4)
YUV	217.4500, -2.6868, -24.9506
Hunter-Lab	85.9361, -21.5880, 9.6015

Details

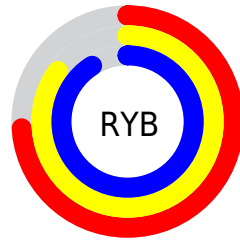
The Hex color **BDE9D4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9BDD2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F6FFFF**, and **87B19D** is the 20% darker color. If you saturate the color by 10%, you get **A6E9C9**, and if you desaturate by 10%, it is **D4E9DF**.

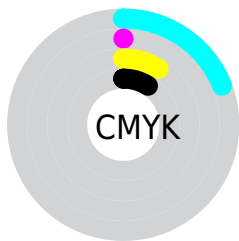
Distribution



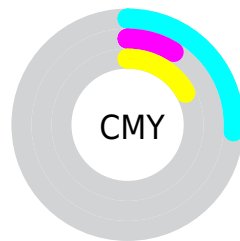
- Red (74%)
- Green (91%)
- Blue (83%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDE9D4 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 BDE9D4 by changing the saturation by 10% instead.

 BDE9D4

FFFFFF

 F6FFFF

 BDE9D4

 A2CDB8

 87B19D

 6D9683

 547C6A

 3C6352

 254B3B

 0D3425

 001F11

 000000

 BDE9D4

 BDE9D4

 A6E9C9

 D4E9DF

 8EE9BE

 ECE9EA

 77E9B3

 FFE9F5

 60E9A8

 FFE9FF

 49E99C

 31E991

 1AE986

 03E97B

 00E97A

Harmonies

Analogous

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



D0E6C4



BDE9D4



B1EAE7

Triad

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



BDE9D4



D5DEFF



FFD5C7

Complementary

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



BDE9D4



E9BDD2

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.



FFD3D8



BDE9D4



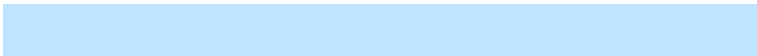
ECD8FA

Square

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



BDE9D4



BFE4FF



FED4EA



F7DABD

Rectangle

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



BDE9D4



B0E9F2



FED4EA



FFD4CC

Sweetspot

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



BDE9D4



F0FFF8



D2E9BD



77807B



000000



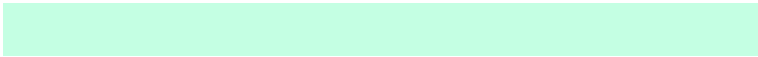
808080

Same Dimension

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



BDE9D4



C4FFE3



BDE8E9



6A7570



00B55F



00361C

Inverse Universe

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



E9BDD2



FFC4E0



E9BEBD



756A6F



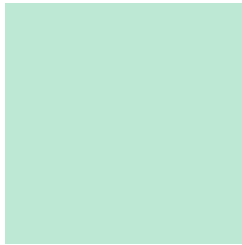
B50056



36001A

Previews

White Background



This preview shows how the Hex color BDE9D4 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 BDE9D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

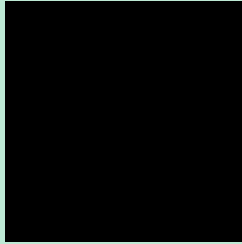
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

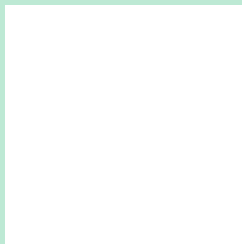
Any Text WCAG AAA ✓ Pass

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

Hex BDE9D4 Background



This preview shows how black text looks on a background with the Hex color BDE9D4.

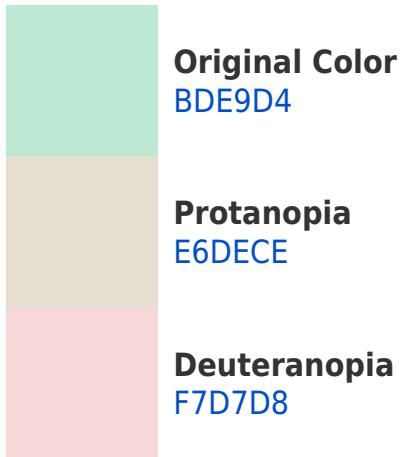


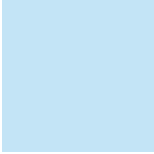
This preview shows how white text looks on a background with the Hex color BDE9D4.

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



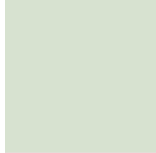


Tritanopia
C3E4F6

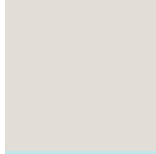
Trichromacy



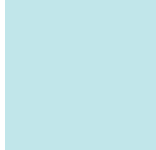
Original Color
BDE9D4



Protanomaly
D7E2D0



Deuteranomaly
E2DED7

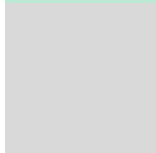


Tritanomaly
C1E6EA

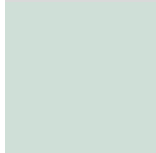
Monochromacy



Original Color
BDE9D4



Achromatopsia
D9D9D9



Achromatomaly
CFDFD7

CSS Examples

Text

The CSS property to change the color of the text to Hex BDE9D4 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 #BDE9D4 looks like.

```
.text, #text, p{  
    color:#BDE9D4  
}
```

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 #BDE9D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE9D4
}
```

Border

The CSS property to change the border of an element to Hex BDE9D4 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
#BDE9D4 }
```

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

```
.border{ border-color:#BDE9D4 }
```

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

Here you see how a box with a 4 pixel #BDE9D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE9D4; -webkit-box-shadow:4px 4px  
4px 4px #BDE9D4; box-shadow:4px 4px 4px  
4px #BDE9D4 }
```

Background

The CSS property to change the background color of an element to Hex BDE9D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE9D4 }
```

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

```
.background{ background-color:#BDE9D4 }
```

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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