

Converting Colors

Hex(B9E1D8)

Have a look what the booklet for
Hex(B9E1D8) contains.

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Color

Hex(B9E1D8)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1D8
RGB	185, 225, 216
RGB Percent	73%, 88%, 85%
CMY	0.2745, 0.1176, 0.1529
CMYK	0.18, 0.00, 0.04, 0.12
HSL	167°, 40%, 80%
HSV	167°, 18%, 88%
XYZ	59.3275, 69.1226, 75.1808
YIQ	212.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

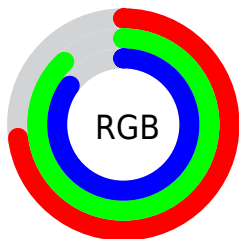
Format	Color
RYB	185, 208, 225
Decimal	12181976
CIELab	86.56, -14.78, 0.06
CIELCh	87, 14.780, 179.751
Yxy	69.1226, 0.2913, 0.3395
Android (android.graphics.Color)	4290372056 (0xFFB9E1D8)
YUV	212.0140, 1.9651, -23.6913
Hunter-Lab	83.1400, -18.1200, 4.5839

Details

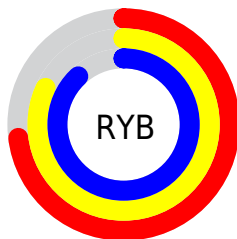
The Hex color **B9E1D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1B9C2**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F1FFFF**, and **83AAA1** is the 20% darker color. If you saturate the color by 10%, you get **A3E1D3**, and if you desaturate by 10%, it is **D0E1DD**.

Distribution



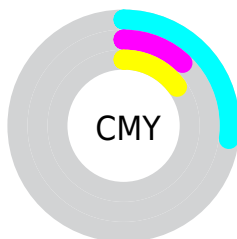
- Red (73%)
- Green (88%)
- Blue (85%)



- Red (73%)
- Yellow (82%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E1D8 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 B9E1D8 by changing the saturation by 10% instead.

 B9E1D8

 B9E1D8


FFFFFF

 9EC5BC

 F1FFFF

 83AAA1

 6A8F87

 51756E

 395D55

 21453E

 092F29

 001B14

 000000

 B9E1D8

 B9E1D8

 A3E1D3

 D0E1DD

 8CE1CE

 E6E1E2

 75E1C9

 FDE1E7

 5FE1C4

 FFE1EC

 49E1BF

 FFE1F1

 32E1BA

 FFE1F6

 1CE1B5

 FFE1FB

 05E1B0

 FFE1FF

 00E1AE

Harmonies

Analogous

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



C5DFCA



B9E1D8



B5E0E6

Triad

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



B9E1D8



DBD5F1



F1D3C1

Complementary

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



B9E1D8



E1B9C2

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.



F7D0CB



B9E1D8



EBD1E7

Square

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



B9E1D8



CADAF4



F5CFD9



E4D8BD

Rectangle

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



B9E1D8



B8DFEE



F5CFD9



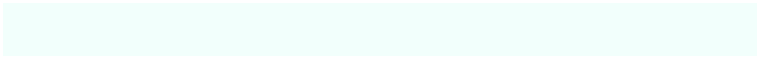
F3D2C4

Sweetspot

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



B9E1D8



F2FFFC



C2E1B9



78807E



000000



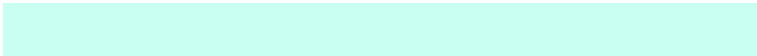
808080

Same Dimension

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



B9E1D8



C9FFF3



B9D6E1



65706E



00B088



003026

Inverse Universe

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



E1B9C2



FFC9D5



E1C4B9



706568



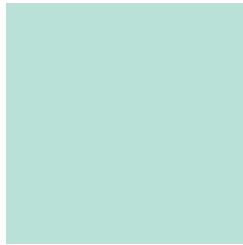
B00028



30000B

Previews

White Background



This preview shows how the Hex color B9E1D8 looks on a white background.

Color Contrast Check

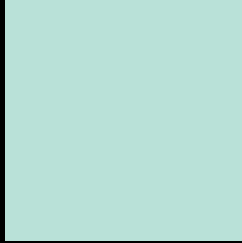
Large Text (above 18pt) WCAG AA × Fail

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 B9E1D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

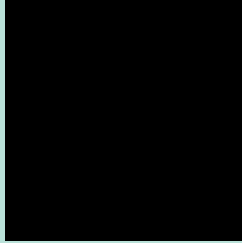
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

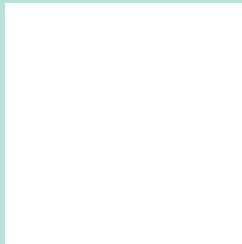
Any Text WCAG AAA ✓ Pass

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

Hex B9E1D8 Background



This preview shows how black text looks on a background with the Hex color B9E1D8.

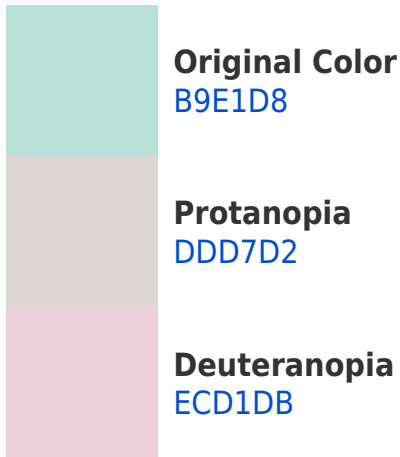


This preview shows how white text looks on a background with the Hex color B9E1D8.

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](#).

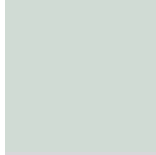
Dichromacy



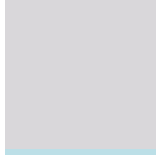
Trichromacy



Original Color
B9E1D8



Protanomaly
D0DBD4



Deuteranomaly
D9D7DA

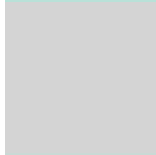


Tritanomaly
BCDFE7

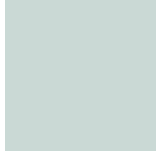
Monochromacy



Original Color
B9E1D8



Achromatopsia
D4D4D4



Achromatomaly
CAD9D5

CSS Examples

Text

The CSS property to change the color of the text to Hex B9E1D8 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 #B9E1D8 looks like.

```
.text, #text, p{  
    color:#B9E1D8  
}
```

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 #B9E1D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E1D8
}
```

Border

The CSS property to change the border of an element to Hex B9E1D8 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
#B9E1D8 }
```

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

```
.border{ border-color:#B9E1D8 }
```

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

Here you see how a box with a 4 pixel #B9E1D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E1D8; -webkit-box-shadow:4px 4px  
4px 4px #B9E1D8; box-shadow:4px 4px 4px  
4px #B9E1D8 }
```

Background

The CSS property to change the background color of an element to Hex B9E1D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E1D8 }
```

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

```
.background{ background-color:#B9E1D8 }
```

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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