

# Converting Colors

Hex(B9D4E2)

Have a look what the booklet for  
Hex(B9D4E2) contains.

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# **Color**

**Hex(B9D4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D4E2
RGB	185, 212, 226
RGB Percent	73%, 83%, 89%
CMY	0.2745, 0.1686, 0.1137
CMYK	0.18, 0.06, 0.00, 0.11
HSL	200°, 41%, 81%
HSV	200°, 18%, 89%
XYZ	57.2785, 62.8922, 81.0720
YIQ	205.5230, -20.5860, -1.3700

# Conversions

## Conversions Part 2

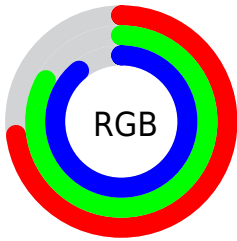
Format	Color
R <sub>YB</sub>	185, 201, 226
Decimal	12178658
CIE Lab	83.39, -6.05, -9.92
CIE LCh	83, 11.620, 238.602
Yxy	62.8922, 0.2846, 0.3125
Android (android.graphics.Color)	4290368738 (0xFFB9D4E2)
YUV	205.5230, 10.0952, -17.9987
Hunter-Lab	79.3046, -9.8598, -5.0981

# Details

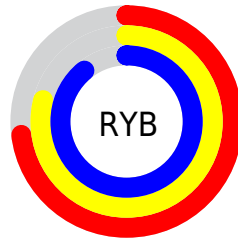
The Hex color **B9D4E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2C7B9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F1FFFF**, and **839DAB** is the 20% darker color. If you saturate the color by 10%, you get **A2CCE2**, and if you desaturate by 10%, it is **D0DCE2**.

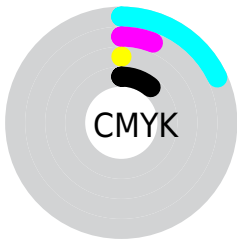
# Distribution



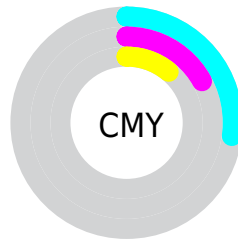
- Red (73%)
- Green (83%)
- Blue (89%)



- Red (73%)
- Yellow (79%)
- Blue (89%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D4E2 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 B9D4E2 by changing the saturation by 10% instead.



 B9D4E2

 B9D4E2


FFFFFF

 9EB8C6

 F1FFFF

 839DAB

 6A8390

 516A77

 39525E

 223B46

 0A2530

 00111B

 000000

 B9D4E2

 B9D4E2

 A2CCE2

 D0DCE2

 8CC5E2

 E6E3E2

 75BDE2

 FDEBE2

 5FB5E2

 FFF3E2

 48ADE2

 FFFBE2

 31A6E2

 FFFF2

 1B9EE2

 0496E2

 0095E2

# Harmonies

## Analogous

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



B5D6DA



B9D4E2



C4D1E5

# Triad

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



B9D4E2



E6C8D1



CDD2BC

# Complementary

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



B9D4E2



E2C7B9

# 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.



DACFBA



B9D4E2



E7C9C6

# Square

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



B9D4E2



DECADB



E3CBBD



C1D5C4

# Rectangle

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



B9D4E2



CDCEE4



E3CBBD



D1D1BB

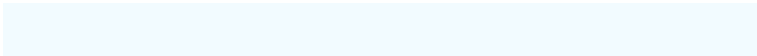


# Sweetspot

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



B9D4E2



F2FBFF



B9E2C7



787D80



000000



808080

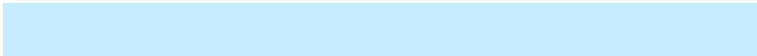


# Same Dimension

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



B9D4E2



C7ECFF



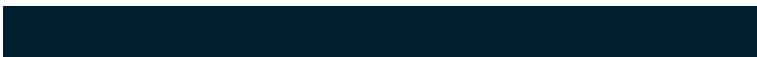
B9C0E2



656C70



0074B0



002030



# Inverse Universe

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



E2B9D4



FFC7EC



E2DBB9



70656C



B00074

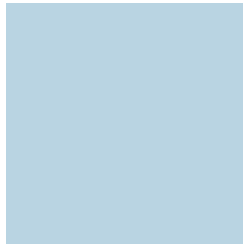


300020



# Previews

## White Background



This preview shows how the Hex color B9D4E2 looks on a white background.

## Color Contrast Check

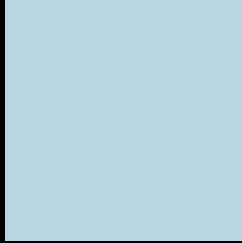
Large Text (above 18pt) WCAG AA × Fail

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 B9D4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

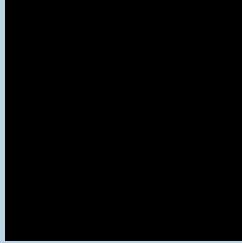
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

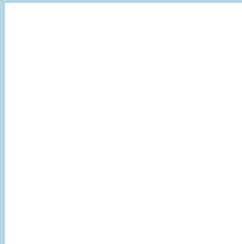
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D4E2 Background



This preview shows how black text looks on a background with the Hex color B9D4E2.

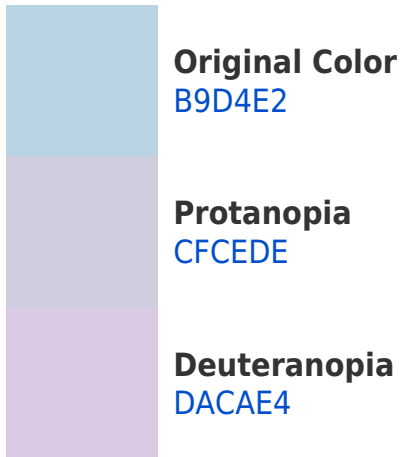


This preview shows how white text looks on a background with the Hex color B9D4E2.

# 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](#).

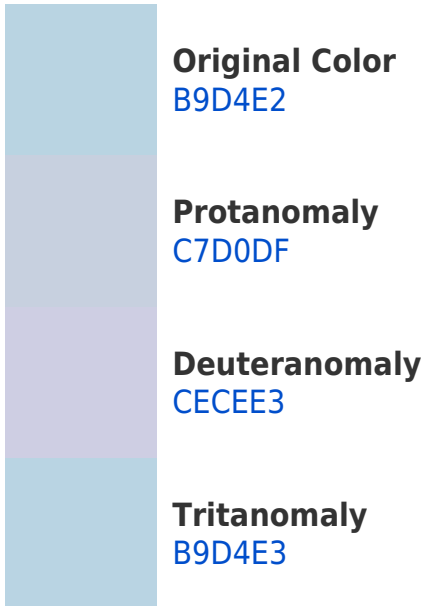
## Dichromacy



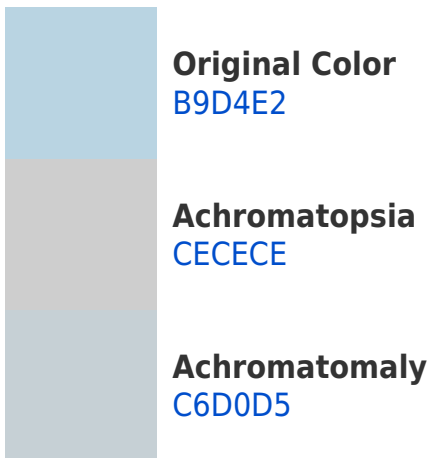


**Tritanopia**  
B9D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D4E2 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 #B9D4E2 looks like.

```
.text, #text, p{  
    color:#B9D4E2  
}
```

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 #B9D4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D4E2
}
```

## Border

The CSS property to change the border of an element to Hex B9D4E2 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
#B9D4E2 }
```

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

```
.border{ border-color:#B9D4E2 }
```

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

Here you see how a box with a 4 pixel #B9D4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D4E2; -webkit-box-shadow:4px 4px  
4px 4px #B9D4E2; box-shadow:4px 4px 4px  
4px #B9D4E2 }
```

# Background

The CSS property to change the background color of an element to Hex B9D4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D4E2 }
```

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

```
.background{ background-color:#B9D4E2 }
```

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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