

# Converting Colors

Hex(B3D8E3)

Have a look what the booklet for  
Hex(B3D8E3) contains.

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# Color

Hex(**B3D8E3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D8E3
RGB	179, 216, 227
RGB Percent	70%, 85%, 89%
CMY	0.2980, 0.1529, 0.1098
CMYK	0.21, 0.05, 0.00, 0.11
HSL	194°, 46%, 80%
HSV	194°, 21%, 89%
XYZ	57.0114, 64.2415, 82.0681
YIQ	206.1910, -25.5830, -4.4230

# Conversions

## Conversions Part 2

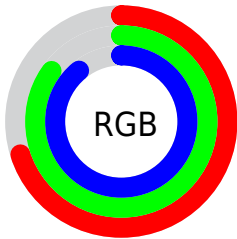
Format	Color
<b>RYB</b>	179, 200, 227
Decimal	11786467
CIELab	84.09, -9.75, -9.44
CIElCh	84, 13.574, 224.069
Yxy	64.2415, 0.2804, 0.3160
Android (android.graphics.Color)	4289976547 (0xFFB3D8E3)
YUV	206.1910, 10.2588, -23.8465
Hunter-Lab	80.1508, -13.2965, -4.6027

# Details

The Hex color **B3D8E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3BEB3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EBFFFF**, and **7DA1AC** is the 20% darker color. If you saturate the color by 10%, you get **9CD3E3**, and if you desaturate by 10%, it is **CADDE3**.

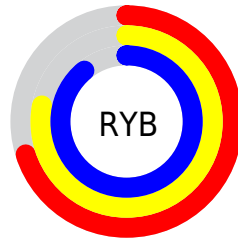
# Distribution



Red (70%)

Green (85%)

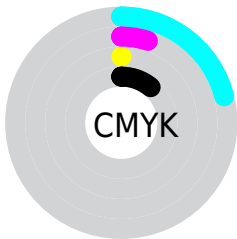
Blue (89%)



Red (70%)

Yellow (78%)

Blue (89%)

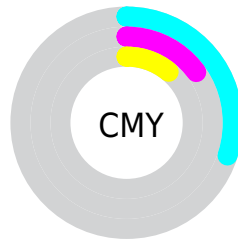


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (15%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D8E3 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 B3D8E3 by changing the saturation by 10% instead.



 B3D8E3

 B3D8E3

FFFFFF

 98BCC7

 EBFFFF

 7DA1AC

 648791

 4B6E77

 32555F

 1A3E47

 002831

 00141C

 000000

 B3D8E3

 B3D8E3

 9CD3E3

 CADDE3

 86CEE3

 E0E2E3

 6FC8E3

 F7E8E3

 58C3E3

 FFEDE3

 41BEE3

 FFF2E3

 2BB9E3

 FFF7E3

 14B4E3

 FFFCE3

 00AFE3

 FFFF E3

# Harmonies

## Analogous

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



B2D9D7



B3D8E3



BDD5EA

# Triad

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



B3D8E3



E8CAD9



D6D3B9

# Complementary

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



B3D8E3



E3BEB3

# 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.



E3CFB9



B3D8E3



EDC9CC

# Square

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



B3D8E3



DCCDE4



EBCBC0



C7D6BF

# Rectangle

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



B3D8E3



C6D2EB



EBCBC0



DBD1B8



# Sweetspot

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



B3D8E3



F0FBFF



B3E3BD



777D80



000000



808080

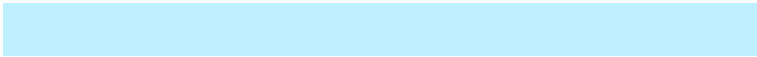


# Same Dimension

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



B3D8E3



BFF0FF



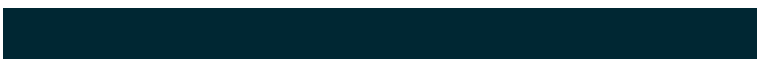
B3C1E3



677073



008AB3



002733



# Inverse Universe

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



E3B3D8



FFBFF0



E3D5B3



736770



B3008A

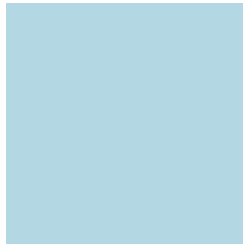


330027



# Previews

## White Background



This preview shows how the Hex color B3D8E3 looks on a white background.

## Color Contrast Check

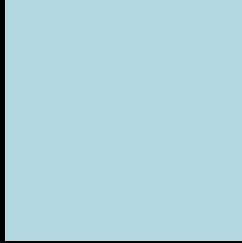
Large Text (above 18pt) WCAG AA × Fail

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 B3D8E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

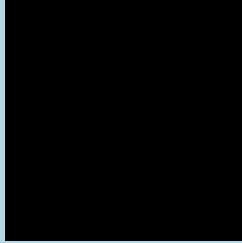
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3D8E3 Background



This preview shows how black text looks on a background with the Hex color B3D8E3.

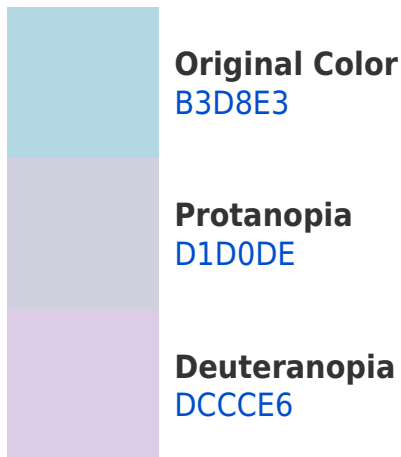


This preview shows how white text looks on a background with the Hex color B3D8E3.

# 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](#).

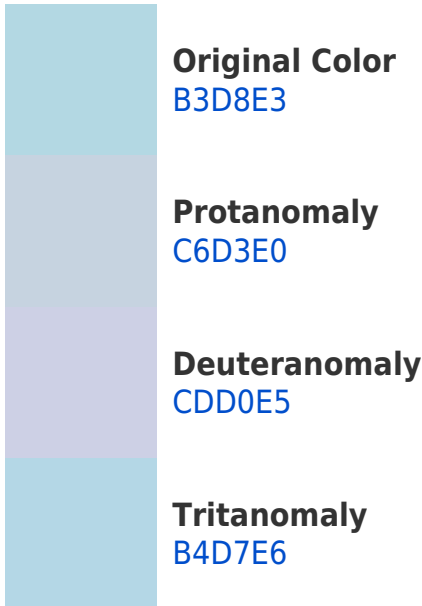
## Dichromacy



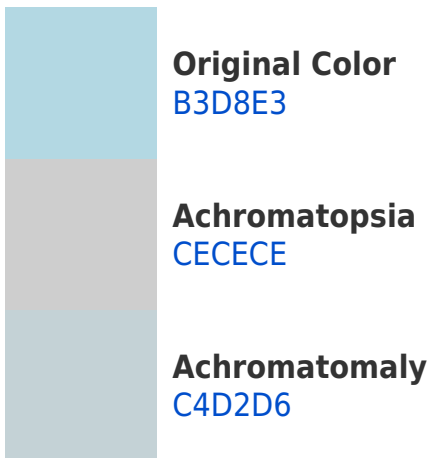


**Tritanopia**  
B4D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D8E3 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 #B3D8E3 looks like.

```
.text, #text, p{  
    color:#B3D8E3  
}
```

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 #B3D8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D8E3
}
```

## Border

The CSS property to change the border of an element to Hex B3D8E3 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
#B3D8E3 }
```

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

```
.border{ border-color:#B3D8E3 }
```

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

Here you see how a box with a 4 pixel #B3D8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D8E3; -webkit-box-shadow:4px 4px  
4px 4px #B3D8E3; box-shadow:4px 4px 4px  
4px #B3D8E3 }
```

# Background

The CSS property to change the background color of an element to Hex B3D8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D8E3 }
```

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

```
.background{ background-color:#B3D8E3 }
```

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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