

# Converting Colors

Hex(B2E9DF)

Have a look what the booklet for  
Hex(B2E9DF) contains.

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# **Color**

**Hex(B2E9DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E9DF
RGB	178, 233, 223
RGB Percent	70%, 91%, 87%
CMY	0.3020, 0.0863, 0.1255
CMYK	0.24, 0.00, 0.04, 0.09
HSL	169°, 56%, 81%
HSV	169°, 24%, 91%
XYZ	60.8183, 73.0705, 80.7106
YIQ	215.4150, -29.5700, -14.7700

# Conversions

## Conversions Part 2

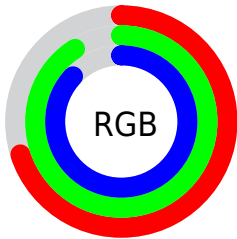
Format	Color
<b>RYB</b>	178, 208, 233
Decimal	11725279
CIELab	88.48, -19.49, -0.86
CIELCh	88, 19.511, 182.536
Yxy	73.0705, 0.2834, 0.3405
Android (android.graphics.Color)	4289915359 (0xFFB2E9DF)
YUV	215.4150, 3.7394, -32.8130
Hunter-Lab	85.4813, -22.5930, 3.8559

# Details

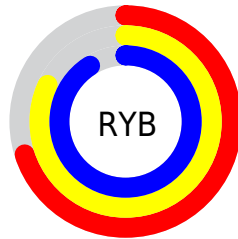
The Hex color **B2E9DF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9B2BC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB1A8** is the 20% darker color. If you saturate the color by 10%, you get **9BE9DB**, and if you desaturate by 10%, it is **C9E9E3**.

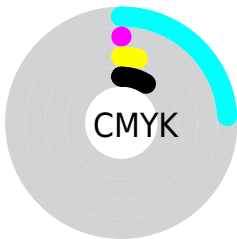
# Distribution



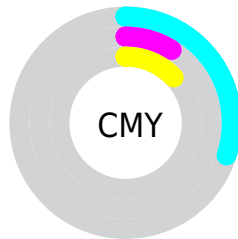
- Red (70%)
- Green (91%)
- Blue (87%)



- Red (70%)
- Yellow (82%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E9DF 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 B2E9DF by changing the saturation by 10% instead.



 B2E9DF

 B2E9DF

FFFFFF

 97CDC3

 EBFFFF

 7CB1A8

 62968E

 497C74

 30635B

 154B44

 00342E

 001F19

 000000

 B2E9DF

 B2E9DF

 9BE9DB

 C9E9E3

 83E9D7

 E1E9E7

 6CE9D2

 F8E9EC

 55E9CE

 FFE9F0

 3EE9CA

 FFE9F4

 26E9C6

 FFE9F8

 0FE9C1

 FFE9FD

 00E9BF

 FFE9FF

# Harmonies

## Analogous

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



C2E7CC



B2E9DF



ADE8F1

# Triad

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



B2E9DF



E4D9FD



FCD7BE

# Complementary

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



B2E9DF



E9B2BC

# 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.



FFD3CB



B2E9DF



F8D4F0

# Square

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



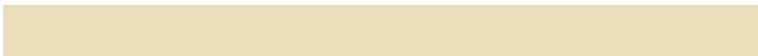
B2E9DF



CBDFFF



FFD1DD



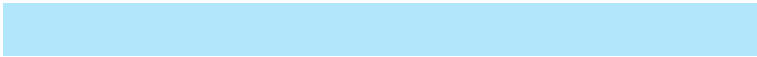
EBDDB9

# Rectangle

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



B2E9DF



B2E6FB



FFD1DD



FFD5C1



# Sweetspot

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



B2E9DF



EDFFFC



BCE9B2



75807E



000000



808080

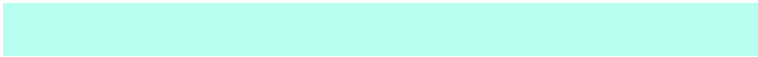


# Same Dimension

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



B2E9DF



B8FFF2



B2D8E9



6A7573



00B594



00362C



# Inverse Universe

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



E9B2BC



FFB8C5



E9C3B2



756A6C



B50021

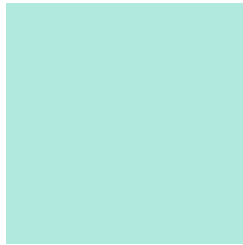


36000A



# Previews

## White Background



This preview shows how the Hex color B2E9DF looks on a white background.

## Color Contrast Check

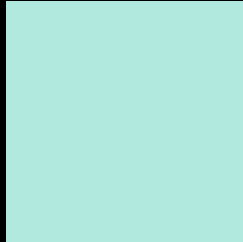
Large Text (above 18pt) WCAG AA × Fail

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 B2E9DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

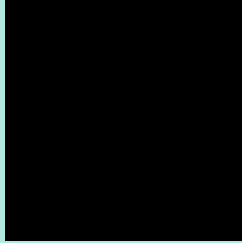
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

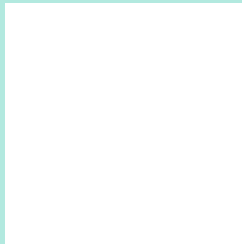
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2E9DF Background



This preview shows how black text looks on a background with the Hex color B2E9DF.



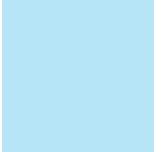
This preview shows how white text looks on a background with the Hex color B2E9DF.

# 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](#).

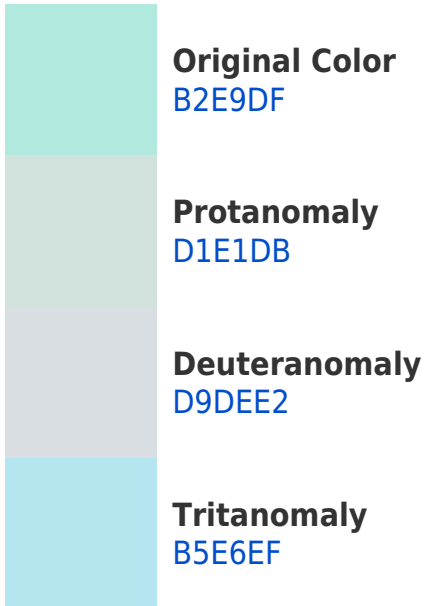
## Dichromacy



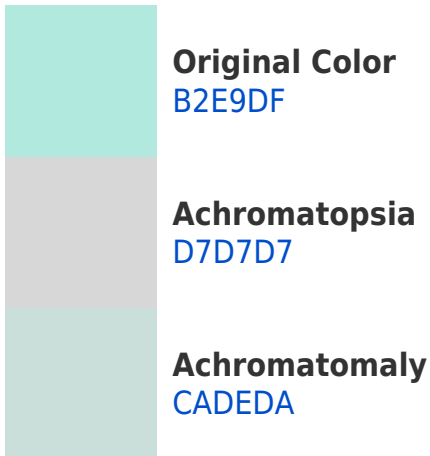


**Tritanopia**  
B7E5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E9DF 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 #B2E9DF looks like.

```
.text, #text, p{  
    color:#B2E9DF  
}
```

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 #B2E9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E9DF
}
```

## Border

The CSS property to change the border of an element to Hex B2E9DF 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
#B2E9DF }
```

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

```
.border{ border-color:#B2E9DF }
```

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

Here you see how a box with a 4 pixel #B2E9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E9DF; -webkit-box-shadow:4px 4px  
4px 4px #B2E9DF; box-shadow:4px 4px 4px  
4px #B2E9DF }
```

# Background

The CSS property to change the background color of an element to Hex B2E9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E9DF }
```

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

```
.background{ background-color:#B2E9DF }
```

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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