

# Converting Colors

Hex(B2E9EB)

Have a look what the booklet for  
Hex(B2E9EB) contains.

<b>Hex(B2E9EB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2E9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E9EB
RGB	178, 233, 235
RGB Percent	70%, 91%, 92%
CMY	0.3020, 0.0863, 0.0784
CMYK	0.24, 0.01, 0.00, 0.08
HSL	182°, 59%, 81%
HSV	182°, 24%, 92%
XYZ	62.4944, 73.7410, 89.5369
YIQ	216.7830, -33.4220, -11.0380

# Conversions

## Conversions Part 2

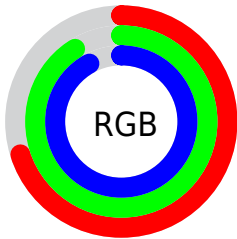
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 206, 235
Decimal	11725291
CIE <sub>Lab</sub>	88.80, -16.94, -6.69
CIE <sub>LCh</sub>	89, 18.214, 201.533
Yxy	73.7410, 0.2768, 0.3266
Android (android.graphics.Color)	4289915371 (0xFFB2E9EB)
YUV	216.7830, 8.9810, -34.0127
Hunter-Lab	85.8726, -20.3722, -1.7092

# Details

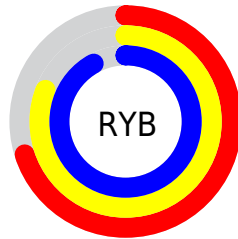
The Hex color **B2E9EB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBB4B2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB1B3** is the 20% darker color. If you saturate the color by 10%, you get **9BE8EB**, and if you desaturate by 10%, it is **CAEAEB**.

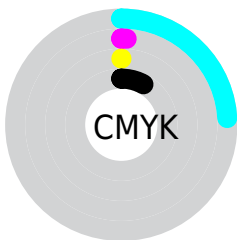
# Distribution



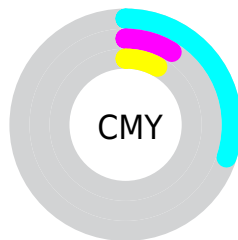
- Red (70%)
- Green (91%)
- Blue (92%)



- Red (70%)
- Yellow (81%)
- Blue (92%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E9EB 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 B2E9EB by changing the saturation by 10% instead.



 B2E9EB

 B2E9EB

FFFFFF

 97CDCF

 EBFFFF

 7CB1B3

 619699

 487C7F

 2E6366

 124B4E

 003437

 001F22

 00000B

 B2E9EB

 B2E9EB

 9BE8EB

 CAEAEB

 83E7EB

 E1EBEB

 6CE7EB

 F9EBEB

 54E6EB

 FFECEB

 3CE5EB

 FFEDEB

 25E4EB

 FFEEBB

 0EE3EB

 FFEFEB

 00E3EB

 FFF0EB

# Harmonies

## Analogous

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



BAE9D9



B2E9EB



B6E7FA

# Triad

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



B2E9EB



F1D7F5



F2DCBD

# Complementary

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



B2E9EB



EBB4B2

# 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.



FFD7C4



B2E9EB



FFD3E5

# Square

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



B2E9EB



DCDCFF



FFD3D3



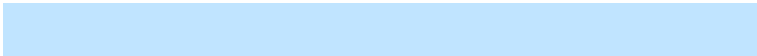
DFE2BF

# Rectangle

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



**B2E9EB**



**C0E4FF**



**FFD3D3**



**F7DABE**



# Sweetspot

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



B2E9EB



EDFEFF



B2EBB4



757F80



000000



808080



# Same Dimension

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



B2E9EB



B5FCFF



B2CDEB



6A7575



00AFB5



003436



# Inverse Universe

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



EBB2E9



FFB5FC



EBD0B2



756A75



B500AF

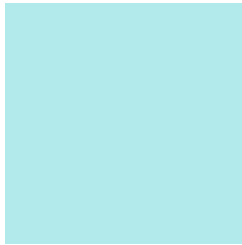


360034



# Previews

## White Background



This preview shows how the Hex color B2E9EB looks on a white background.

## Color Contrast Check

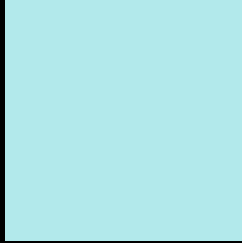
Large Text (above 18pt) WCAG AA × Fail

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 B2E9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

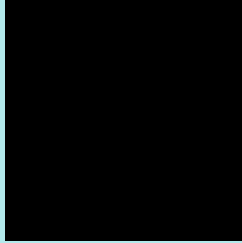
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2E9EB Background



This preview shows how black text looks on a background with the Hex color B2E9EB.



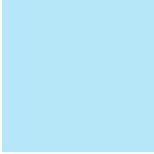
This preview shows how white text looks on a background with the Hex color B2E9EB.

# 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**  
B5E7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E9EB 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 #B2E9EB looks like.

```
.text, #text, p{  
    color:#B2E9EB  
}
```

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 #B2E9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E9EB
}
```

## Border

The CSS property to change the border of an element to Hex B2E9EB 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
#B2E9EB }
```

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

```
.border{ border-color:#B2E9EB }
```

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

Here you see how a box with a 4 pixel #B2E9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E9EB; -webkit-box-shadow:4px 4px  
4px 4px #B2E9EB; box-shadow:4px 4px 4px  
4px #B2E9EB }
```

# Background

The CSS property to change the background color of an element to Hex B2E9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E9EB }
```

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

```
.background{ background-color:#B2E9EB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor