

Converting Colors

Hex(B1E5EA)

Have a look what the booklet for
Hex(B1E5EA) contains.

Hex(B1E5EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1E5EA)

Conversions

Conversions Part 1

Format	Color
Hex	B1E5EA
RGB	177, 229, 234
RGB Percent	69%, 90%, 92%
CMY	0.3059, 0.1020, 0.0824
CMYK	0.24, 0.02, 0.00, 0.08
HSL	185°, 58%, 81%
HSV	185°, 24%, 92%
XYZ	61.0021, 71.3262, 88.3941
YIQ	214.0220, -32.5970, -9.4690

Conversions

Conversions Part 2

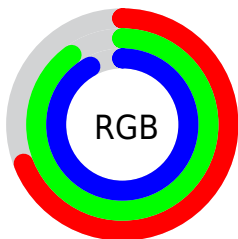
Format	Color
RYB	177, 204, 234
Decimal	11658730
CIELab	87.64, -15.45, -7.88
CIELCh	88, 17.339, 207.026
Yxy	71.3262, 0.2764, 0.3231
Android (android.graphics.Color)	4289848810 (0xFFB1E5EA)
YUV	214.0220, 9.8492, -32.4683
Hunter-Lab	84.4549, -18.8648, -2.9371

Details

The Hex color **B1E5EA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EAB6B1**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EAFFFF**, and **7BADB2** is the 20% darker color. If you saturate the color by 10%, you get **9AE3EA**, and if you desaturate by 10%, it is **C8E7EA**.

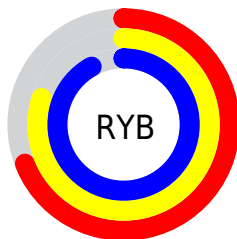
Distribution



Red (69%)

Green (90%)

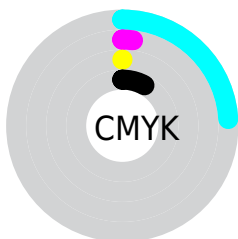
Blue (92%)



Red (69%)

Yellow (80%)

Blue (92%)

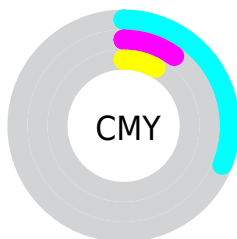


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E5EA 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 B1E5EA by changing the saturation by 10% instead.

 B1E5EA


 B1E5EA

FFFFFF

 96C9CE

 EAFFFF

 7BADB2

 619398

 47797E

 2E6065

 12484D

 003236

 001D21

 000009

 B1E5EA

 B1E5EA

 9AE3EA

 C8E7EA

 82E1EA

 E0E9EA

 6BDFEA

 F7EBEA

 53DDEA

 FFEDEA

 3CDBEA

 FFEFEA

 25D9EA

 FFF1EA

 0DD7EA

 FFF3EA

 00D5EA

 FFF5EA

 FFF7EA

Harmonies

Analogous

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



B7E5D9



B1E5EA



B7E2F7

Triad

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



B1E5EA



F0D3EE



EBDABB

Complementary

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



B1E5EA



EAB6B1

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.



F8D5C1



B1E5EA



FCD1DE

Square

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



B1E5EA



DDD8F9



FFD1CD



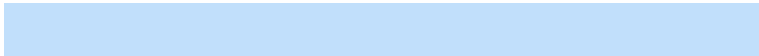
D9DFBE

Rectangle

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



B1E5EA



C1DFFB



FFD1CD



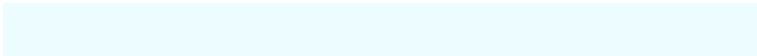
F0D8BC

Sweetspot

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



B1E5EA



EDFDFD



B1EAB6



757F80



000000



808080

Same Dimension

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



B1E5EA



B5F9FF



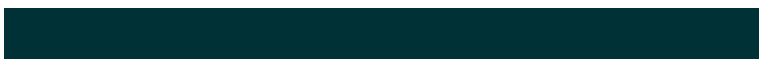
B1C9EA



6A7475



00A5B5



003136

Inverse Universe

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



EAB1E5



FFB5F9



EAD2B1



756A74



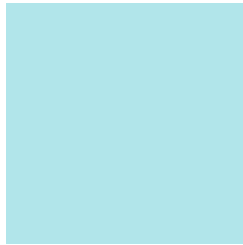
B500A5



360031

Previews

White Background



This preview shows how the Hex color B1E5EA looks on a white background.

Color Contrast Check

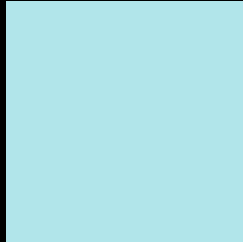
Large Text (above 18pt) WCAG AA × Fail

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 B1E5EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

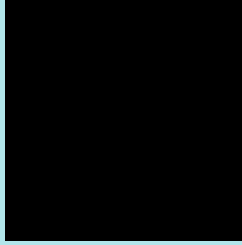
Any Text WCAG AA ✓ Pass

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 B1E5EA Background



This preview shows how black text looks on a background with the Hex color B1E5EA.

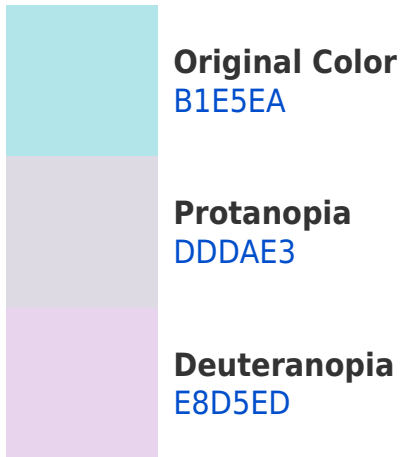


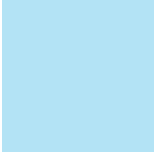
This preview shows how white text looks on a background with the Hex color B1E5EA.

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



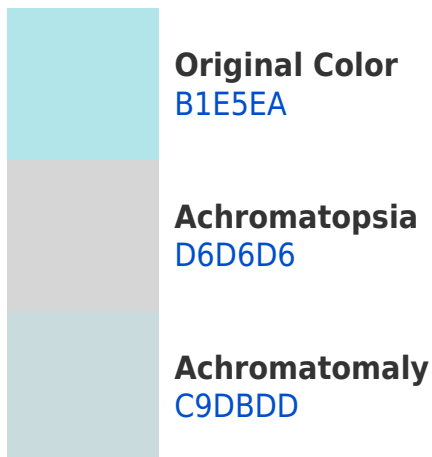


Tritanopia
B3E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E5EA 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 #B1E5EA looks like.

```
.text, #text, p{  
    color:#B1E5EA  
}
```

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 #B1E5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E5EA }  
}
```

Border

The CSS property to change the border of an element to Hex B1E5EA 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 #B1E5EA }  
}
```

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

```
.border{ border-color:#B1E5EA }
```

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

Here you see how a box with a 4 pixel #B1E5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E5EA; -webkit-box-shadow:4px 4px  
4px 4px #B1E5EA; box-shadow:4px 4px 4px  
4px #B1E5EA }
```

Background

The CSS property to change the background color of an element to Hex B1E5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E5EA }
```

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

```
.background{ background-color:#B1E5EA }
```

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