

Converting Colors

Hex(B2EED3)

Have a look what the booklet for
Hex(B2EED3) contains.

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Color

Hex(B2EED3)

Conversions

Conversions Part 1

Format	Color
Hex	B2EED3
RGB	178, 238, 211
RGB Percent	70%, 93%, 83%
CMY	0.3020, 0.0667, 0.1725
CMYK	0.25, 0.00, 0.11, 0.07
HSL	153°, 64%, 82%
HSV	153°, 25%, 93%
XYZ	60.6925, 75.3172, 72.9669
YIQ	216.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

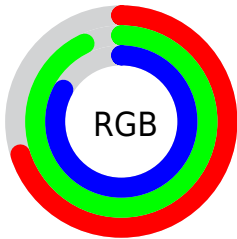
Format	Color
RYB	178, 217, 238
Decimal	11726547
CIELab	89.54, -24.36, 6.95
CIELCh	90, 25.330, 164.077
Yxy	75.3172, 0.2904, 0.3604
Android (android.graphics.Color)	4289916627 (0xFFB2EED3)
YUV	216.9820, -2.9491, -34.1872
Hunter-Lab	86.7855, -27.0425, 10.9004

Details

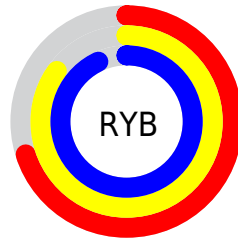
The Hex color **B2EED3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EEB2CD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB69C** is the 20% darker color. If you saturate the color by 10%, you get **9AEEC8**, and if you desaturate by 10%, it is **CAEEDE**.

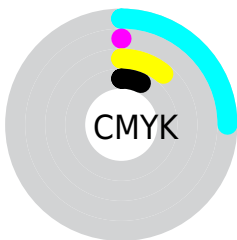
Distribution



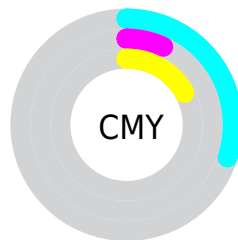
- Red (70%)
- Green (93%)
- Blue (83%)



- Red (70%)
- Yellow (85%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EED3 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 B2EED3 by changing the saturation by 10% instead.

 B2EED3

FFFFFF

 EBFFFF

 B2EED3

 97D2B7

 7CB69C

 629B82

 488169

 2F6751

 154F3A

 003825

 002210

 000000

 B2EED3

 B2EED3

 9AEEC8

 CAEEDE

 82EEBE

 E2EEE8

 6BEEB3

 F9EEF3

 53EEA8

 FFEEFE

 3BEE9D

 FFEEFF

 23EE93

 0BEE88

 00EE83

Harmonies

Analogous

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



CCEABE



B2EED3



A1EFEC

Triad

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



B2EED3



D4DFFF



FFD4C0

Complementary

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



B2EED3



EEB2CD

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.



FFD0D6



B2EED3



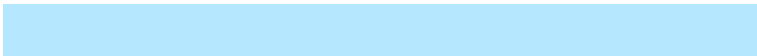
F3D7FF

Square

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



B2EED3



B5E7FF



FFD1EF



FFDDB3

Rectangle

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



B2EED3



9EEEFB



FFD1EF



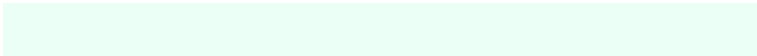
FFD2C7

Sweetspot

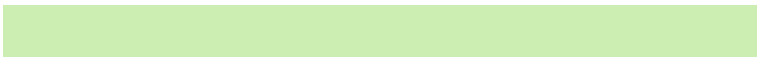
The Sweet Spot groups the original color and five complimentary colors.



B2EED3



EBFFF6



CDEEB2



73807A



000000



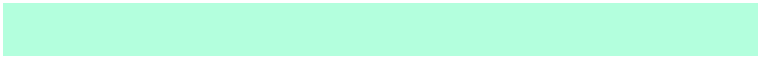
808080

Same Dimension

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



B2EED3



B3FFDD



B2EBEE



6C7872



00B865



00381F

Inverse Universe

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



EEB2CD



FFB3D5



EEB5B2



786C71



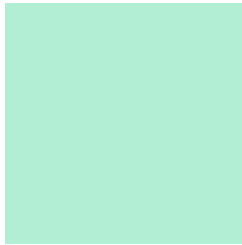
B80053



380019

Previews

White Background



This preview shows how the Hex color B2EED3 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 B2EED3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

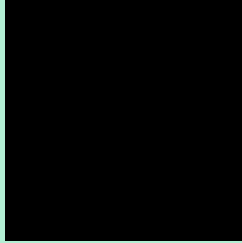
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

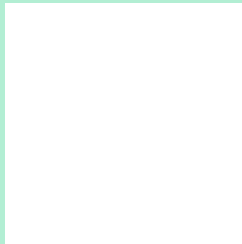
Any Text WCAG AAA ✓ Pass

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

Hex B2EED3 Background



This preview shows how black text looks on a background with the Hex color B2EED3.

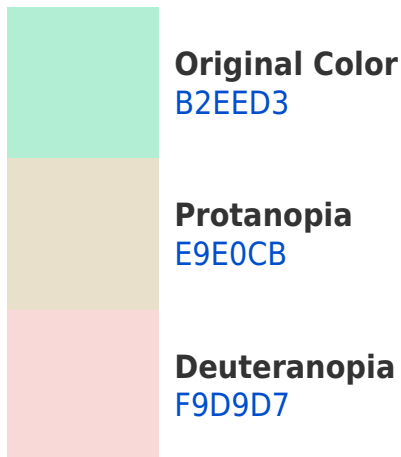


This preview shows how white text looks on a background with the Hex color B2EED3.

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



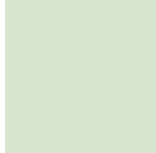


Tritanopia
BAE8FB

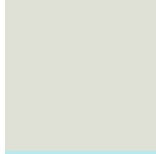
Trichromacy



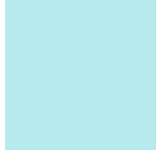
Original Color
B2EED3



Protanomaly
D5E5CE

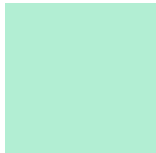


Deuteranomaly
DFE1D6

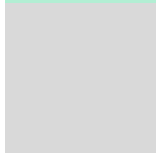


Tritanomaly
B7EAEC

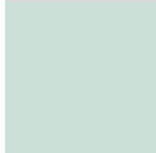
Monochromacy



Original Color
B2EED3



Achromatopsia
D9D9D9



Achromatomaly
CBE1D7

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EED3 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 #B2EED3 looks like.

```
.text, #text, p{  
    color:#B2EED3  
}
```

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 #B2EED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EED3
}
```

Border

The CSS property to change the border of an element to Hex B2EED3 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
#B2EED3 }
```

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

```
.border{ border-color:#B2EED3 }
```

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

Here you see how a box with a 4 pixel #B2EED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EED3; -webkit-box-shadow:4px 4px  
4px 4px #B2EED3; box-shadow:4px 4px 4px  
4px #B2EED3 }
```

Background

The CSS property to change the background color of an element to Hex B2EED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EED3 }
```

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

```
.background{ background-color:#B2EED3 }
```

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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