

Converting Colors

Hex(B2E5E1)

Have a look what the booklet for
Hex(B2E5E1) contains.

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Color

Hex(**B2E5E1**)

Conversions

Conversions Part 1

Format	Color
Hex	B2E5E1
RGB	178, 229, 225
RGB Percent	70%, 90%, 88%
CMY	0.3020, 0.1020, 0.1176
CMYK	0.22, 0.00, 0.02, 0.10
HSL	175°, 50%, 80%
HSV	175°, 22%, 90%
XYZ	59.9700, 70.9398, 81.7662
YIQ	213.2950, -29.1120, -12.0560

Conversions

Conversions Part 2

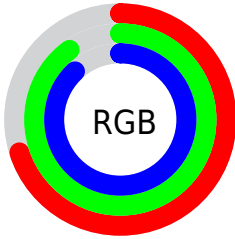
Format	Color
RYB	178, 205, 229
Decimal	11724257
CIELab	87.46, -17.08, -3.42
CIELCh	87, 17.422, 191.311
Yxy	70.9398, 0.2820, 0.3336
Android (android.graphics.Color)	4289914337 (0xFFB2E5E1)
YUV	213.2950, 5.7706, -30.9537
Hunter-Lab	84.2258, -20.3005, 1.3995

Details

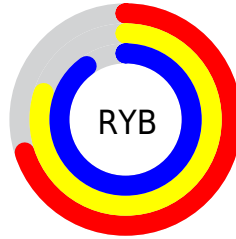
The Hex color **B2E5E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5B2B6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EBFFFF**, and **7CADAA** is the 20% darker color. If you saturate the color by 10%, you get **9BE5DF**, and if you desaturate by 10%, it is **C9E5E3**.

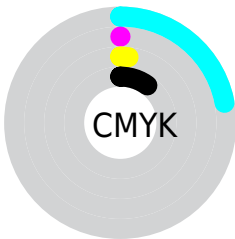
Distribution



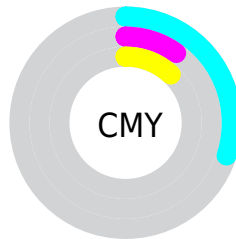
- Red (70%)
- Green (90%)
- Blue (88%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E5E1 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 B2E5E1 by changing the saturation by 10% instead.

 B2E5E1

FFFFFF

 EBFFFF

 B2E5E1

 97C9C5

 7CADAA

 62938F

 497976

 30605D

 164846

 00312F

 001D1B

 000000

 B2E5E1

 B2E5E1

 9BE5DF

 C9E5E3

 84E5DD

 E0E5E5

 6DE5DC

 F7E5E6

 56E5DA

 FFE5E8

 3FE5D8

 FFE5EA

 29E5D6

 FFE5EC

 12E5D4

 FFE5EE

 00E5D3

 FFE5EF

 FFE5F1

Harmonies

Analogous

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



BDE4D0



B2E5E1



B2E3F0

Triad

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



B2E5E1



E6D5F4



F2D7BC

Complementary

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



B2E5E1



E5B2B6

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.



FCD2C6



B2E5E1



F6D1E6

Square

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



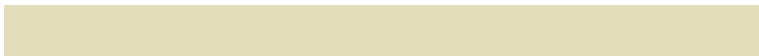
B2E5E1



D1DAFB



FED0D5



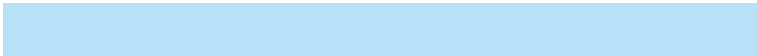
E2DCBB

Rectangle

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



B2E5E1



B8E1F8



FED0D5



F6D5BF

Sweetspot

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



B2E5E1



EDFFFE



B6E5B2



75807F



000000



808080

Same Dimension

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



B2E5E1



BAFFFA



B2D0E5



677372



00B3A4



00332F

Inverse Universe

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



E5B2B6



FFBAC0



E5C7B2



736768



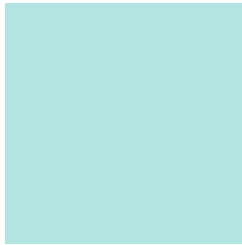
B3000E



330004

Previews

White Background



This preview shows how the Hex color B2E5E1 looks on a white background.

Color Contrast Check

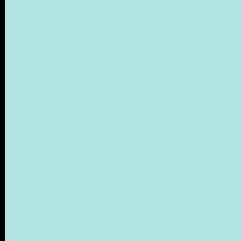
Large Text (above 18pt) WCAG AA × Fail

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 B2E5E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

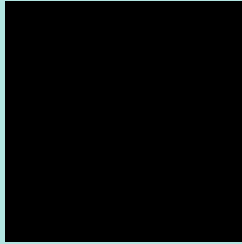
Any Text WCAG AA ✓ Pass

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 B2E5E1 Background



This preview shows how black text looks on a background with the Hex color B2E5E1.



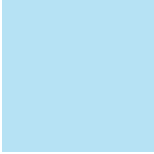
This preview shows how white text looks on a background with the Hex color B2E5E1.

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](#).

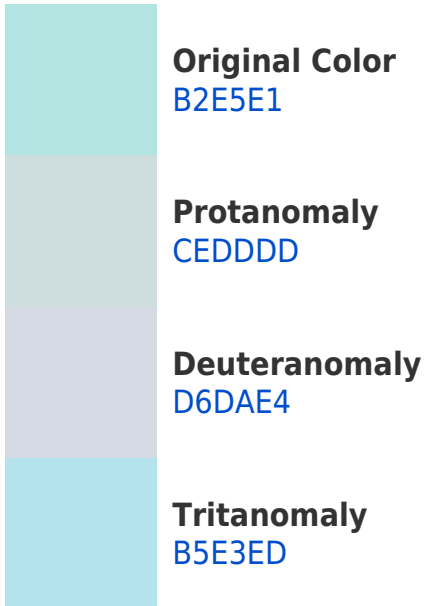
Dichromacy



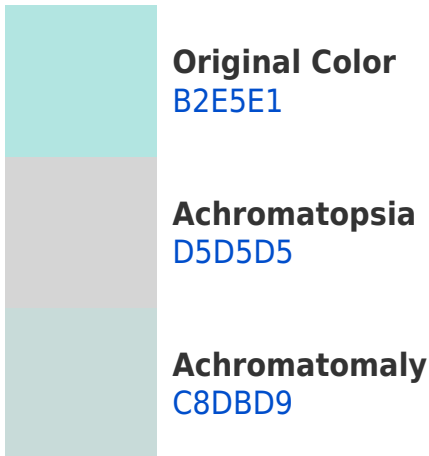


Tritanopia
B6E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2E5E1 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 #B2E5E1 looks like.

```
.text, #text, p{  
    color:#B2E5E1  
}
```

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 #B2E5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E5E1
}
```

Border

The CSS property to change the border of an element to Hex B2E5E1 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
#B2E5E1 }
```

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

```
.border{ border-color:#B2E5E1 }
```

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

Here you see how a box with a 4 pixel #B2E5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E5E1; -webkit-box-shadow:4px 4px  
4px 4px #B2E5E1; box-shadow:4px 4px 4px  
4px #B2E5E1 }
```

Background

The CSS property to change the background color of an element to Hex B2E5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E5E1 }
```

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

```
.background{ background-color:#B2E5E1 }
```

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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