

# Converting Colors

Hex(BAE2E1)

Have a look what the booklet for  
Hex(BAE2E1) contains.

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# Color

**Hex(BAE2E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAE2E1
RGB	186, 226, 225
RGB Percent	73%, 89%, 88%
CMY	0.2706, 0.1137, 0.1176
CMYK	0.18, 0.00, 0.00, 0.11
HSL	178°, 41%, 81%
HSV	178°, 18%, 89%
XYZ	61.0367, 70.2681, 81.5803
YIQ	213.9260, -23.5190, -8.7910

# Conversions

## Conversions Part 2

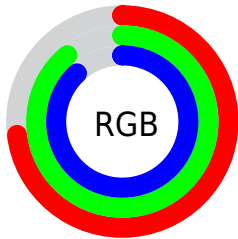
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 206, 226
Decimal	12247777
CIELab	87.13, -13.14, -3.84
CIELCh	87, 13.694, 196.302
Yxy	70.2681, 0.2867, 0.3301
Android (android.graphics.Color)	4290437857 (0xFFBAE2E1)
YUV	213.9260, 5.4595, -24.4911
Hunter-Lab	83.8260, -16.7235, 0.9767

# Details

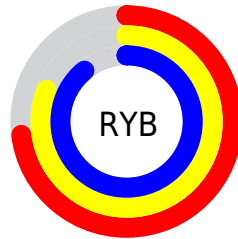
The Hex color **BAE2E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2BABB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F3FFFF**, and **84ABAA** is the 20% darker color. If you saturate the color by 10%, you get **A3E2E0**, and if you desaturate by 10%, it is **D1E2E2**.

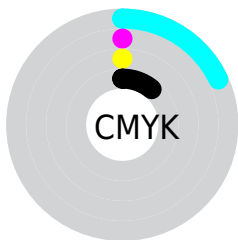
# Distribution



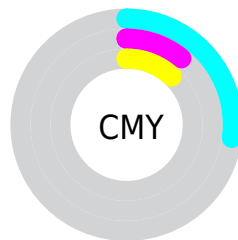
- Red (73%)
- Green (89%)
- Blue (88%)



- Red (73%)
- Yellow (81%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAE2E1 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 BAE2E1 by changing the saturation by 10% instead.



 BAE2E1

FFFFFF


 F3FFFF

 BAE2E1

 9FC6C5

 84ABAA

 6A908F

 517676

 395E5D

 214646

 082F2F

 001B1B

 000000

 BAE2E1

 BAE2E1

 A3E2E0

 D1E2E2

 8DE2E0

 E7E2E2

 76E2DF

 FEE2E3

 60E2DF

 FFE2E3

 49E2DE

 FFE2E4

 32E2DE

 FFE2E5

 1CE2DD

 FFE2E6

 05E2DC

 00E2DC

# Harmonies

## Analogous

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



C1E2D4



BAE2E1



BCE0ED

# Triad

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



BAE2E1



E5D5EC



EBD7C1

# Complementary

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



BAE2E1



E2BABB

# 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.



F4D4C8



BAE2E1



F1D2E1

# Square

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



BAE2E1



D5D9F3



F6D2D3



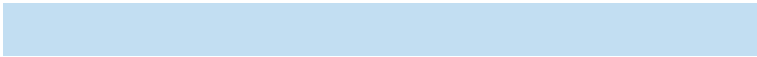
DDCC1

# Rectangle

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



BAE2E1



C2DEF2



F6D2D3



EFD6C3

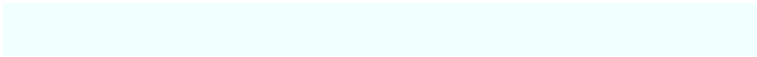


# Sweetspot

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



BAE2E1



F2FFFF



BBE2BA



78807F



000000



808080

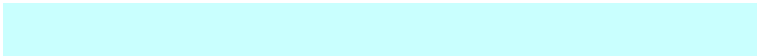


# Same Dimension

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



BAE2E1



C9FFFE



BACFE2



657070



00B0AC



00302F



# Inverse Universe

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



E2BABB



FFC9CB



E2CDBA



706565



B00004

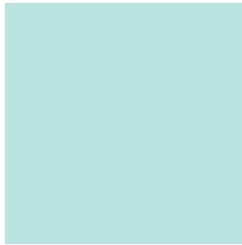


300001



# Previews

## White Background



This preview shows how the Hex color BAE2E1 looks on a white background.

## Color Contrast Check

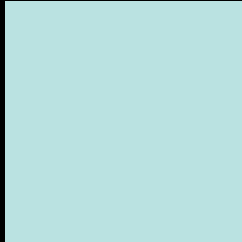
Large Text (above 18pt) WCAG AA × Fail

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 BAE2E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

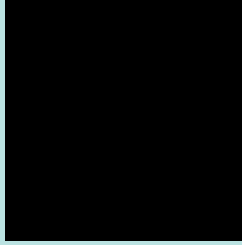
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

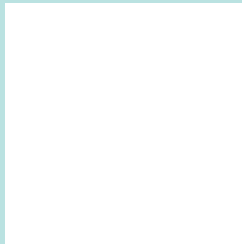
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAE2E1 Background



This preview shows how black text looks on a background with the Hex color BAE2E1.

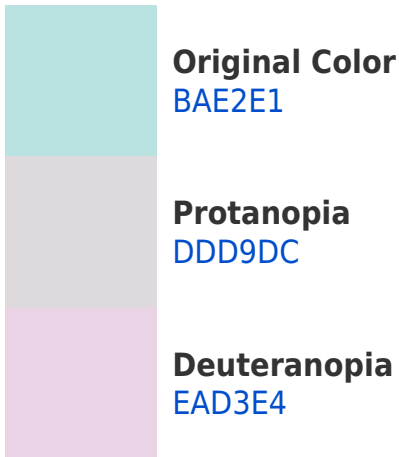


This preview shows how white text looks on a background with the Hex color BAE2E1.

# 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](#).

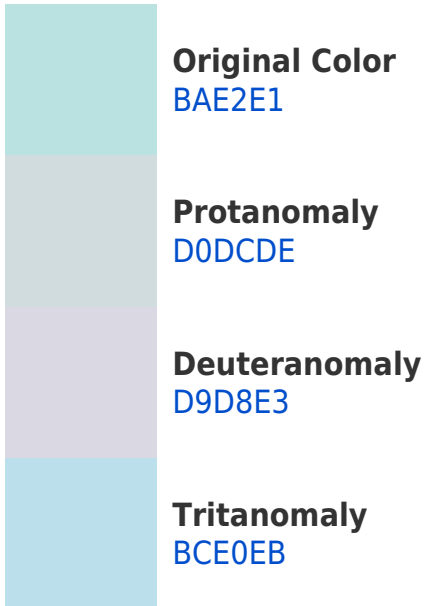
## Dichromacy



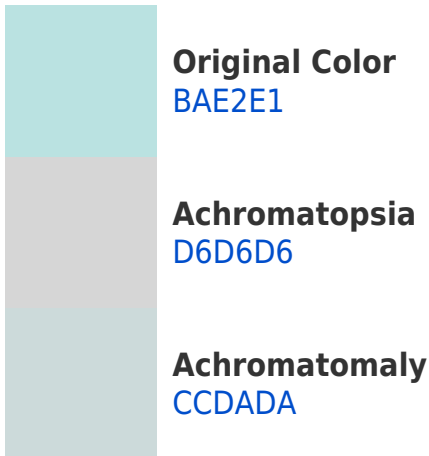


**Tritanopia**  
BDDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAE2E1 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 #BAE2E1 looks like.

```
.text, #text, p{  
    color:#BAE2E1  
}
```

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 #BAE2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE2E1
}
```

## Border

The CSS property to change the border of an element to Hex BAE2E1 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
#BAE2E1 }
```

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

```
.border{ border-color:#BAE2E1 }
```

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

Here you see how a box with a 4 pixel #BAE2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE2E1; -webkit-box-shadow:4px 4px  
4px 4px #BAE2E1; box-shadow:4px 4px 4px  
4px #BAE2E1 }
```

# Background

The CSS property to change the background color of an element to Hex BAE2E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE2E1 }
```

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

```
.background{ background-color:#BAE2E1 }
```

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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