

# Converting Colors

Hex(B2E6C0)

Have a look what the booklet for  
Hex(B2E6C0) contains.

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# **Color**

**Hex(B2E6C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E6C0
RGB	178, 230, 192
RGB Percent	70%, 90%, 75%
CMY	0.3020, 0.0980, 0.2471
CMYK	0.23, 0.00, 0.17, 0.10
HSL	136°, 51%, 80%
HSV	136°, 23%, 90%
XYZ	56.1713, 69.8644, 60.3938
YIQ	210.1200, -18.7940, -22.8420

# Conversions

## Conversions Part 2

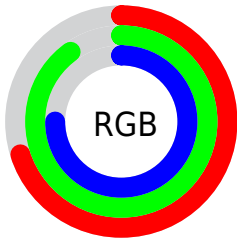
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	178, 219, 230
Decimal	11724480
CIE Lab	86.93, -24.07, 13.14
CIE LCh	87, 27.424, 151.372
Yxy	69.8644, 0.3013, 0.3747
Android (android.graphics.Color)	4289914560 (0xFFB2E6C0)
YUV	210.1200, -8.9332, -28.1692
Hunter-Lab	83.5849, -26.3167, 15.6698

# Details

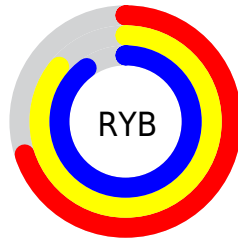
The Hex color **B2E6C0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6B2D8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAFF8**, and **7CAE8A** is the 20% darker color. If you saturate the color by 10%, you get **9BE6AF**, and if you desaturate by 10%, it is **C9E6D1**.

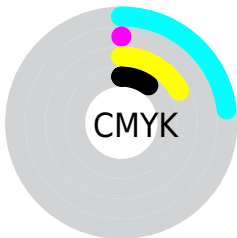
# Distribution



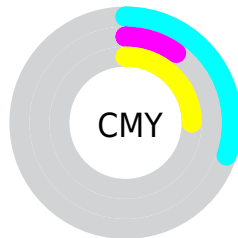
- Red (70%)
- Green (90%)
- Blue (75%)



- Red (70%)
- Yellow (86%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E6C0 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 B2E6C0 by changing the saturation by 10% instead.



 B2E6C0

 B2E6C0

FFFFFF

 97CAA5

 EAFFF8

 7CAE8A

 639471

 4A7A58

 316141

 19482B

 003216

 001E00

 000000

 B2E6C0

 B2E6C0

 9BE6AF

 C9E6D1

 84E69E

 E0E6E2

 6DE68E


 F7E6F2

 56E67D

 FFE6FF

 3FE66C

 28E65B

 11E64A

 00E63E

# Harmonies

## Analogous

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



D0E0AD



B2E6C0



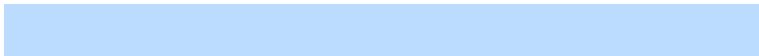
99E9DA

# Triad

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



B2E6C0



BCDCFF



FFC9C0

# Complementary

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



B2E6C0



E6B2D8

# 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.



FFC7D9



B2E6C0



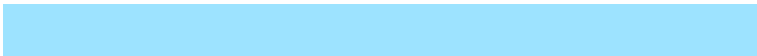
E0D3FF

# Square

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



B2E6C0



9DE3FF



FCCBF3



FFD0AD

# Rectangle

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



B2E6C0



90E8EC



FCCBF3



FFC8C8



# Sweetspot

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



B2E6C0



EDFFF2



D8E6B2



758078



000000



808080

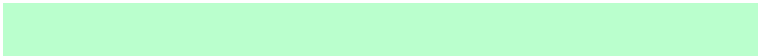


# Same Dimension

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



B2E6C0



BAFFCD



B2E6DA



67736A



00B330



00330E



# Inverse Universe

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



E6B2D8



FFBAEC



E6B2BE



736770



B30082

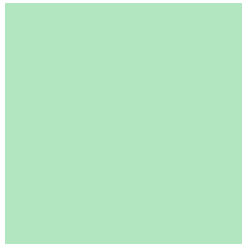


330025



# Previews

## White Background



This preview shows how the Hex color B2E6C0 looks on a white background.

## Color Contrast Check

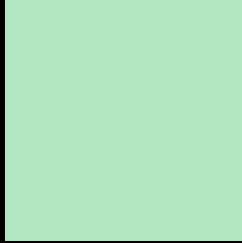
Large Text (above 18pt) WCAG AA × Fail

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 B2E6C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

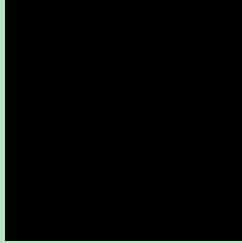
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

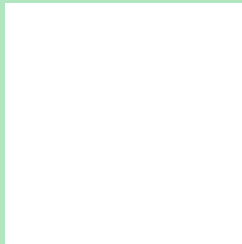
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2E6C0 Background



This preview shows how black text looks on a background with the Hex color B2E6C0.

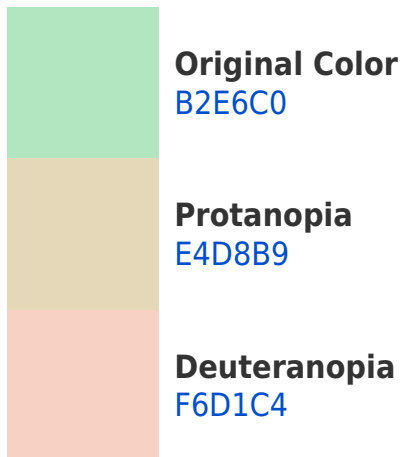


This preview shows how white text looks on a background with the Hex color B2E6C0.

# 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



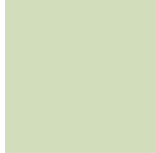


**Tritanopia**  
BBDFF1

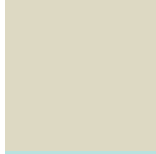
# Trichromacy



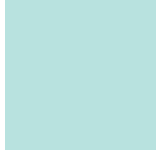
**Original Color**  
B2E6C0



**Protanomaly**  
D2DDBC



**Deuteranomaly**  
DDD9C3

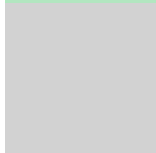


**Tritanomaly**  
B8E2DF

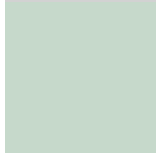
# Monochromacy



**Original Color**  
B2E6C0



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
C6D9CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E6C0 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 #B2E6C0 looks like.

```
.text, #text, p{  
    color:#B2E6C0  
}
```

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 #B2E6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E6C0
}
```

## Border

The CSS property to change the border of an element to Hex B2E6C0 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
#B2E6C0 }
```

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

```
.border{ border-color:#B2E6C0 }
```

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

Here you see how a box with a 4 pixel #B2E6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E6C0; -webkit-box-shadow:4px 4px  
4px 4px #B2E6C0; box-shadow:4px 4px 4px  
4px #B2E6C0 }
```

# Background

The CSS property to change the background color of an element to Hex B2E6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E6C0 }
```

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

```
.background{ background-color:#B2E6C0 }
```

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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