

# Converting Colors

Hex(B2E3D2)

Have a look what the booklet for  
Hex(B2E3D2) contains.

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# **Color**

**Hex(B2E3D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E3D2
RGB	178, 227, 210
RGB Percent	70%, 89%, 82%
CMY	0.3020, 0.1098, 0.1765
CMYK	0.22, 0.00, 0.07, 0.11
HSL	159°, 47%, 79%
HSV	159°, 22%, 89%
XYZ	57.4620, 69.0563, 71.2734
YIQ	210.4110, -23.7470, -15.6750

# Conversions

## Conversions Part 2

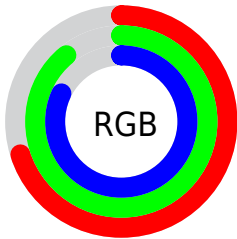
Format	Color
<a href="#">RYB</a>	<a href="#">178, 208, 227</a>
Decimal	<a href="#">11723730</a>
CIELab	<a href="#">86.53, -19.16, 3.12</a>
CIElCh	<a href="#">87, 19.418, 170.740</a>
Yxy	<a href="#">69.0563, 0.2905, 0.3491</a>
Android (android.graphics.Color)	<a href="#">4289913810 (0xFFB2E3D2)</a>
YUV	<a href="#">210.4110, -0.2026, -28.4244</a>
Hunter-Lab	<a href="#">83.1001, -21.9961, 7.3182</a>

# Details

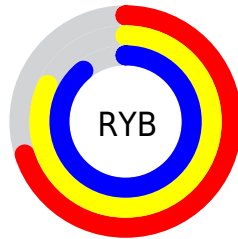
The Hex color **B2E3D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B2C3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAEAEF**, and **7CAC9C** is the 20% darker color. If you saturate the color by 10%, you get **9BE3CA**, and if you desaturate by 10%, it is **C9E3DA**.

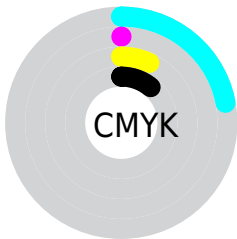
# Distribution



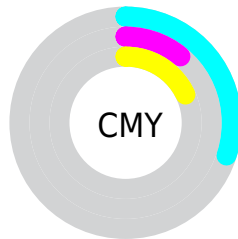
- Red (70%)
- Green (89%)
- Blue (82%)



- Red (70%)
- Yellow (82%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E3D2 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 B2E3D2 by changing the saturation by 10% instead.



 B2E3D2

 B2E3D2

FFFFFF


 97C7B6

 EAFFFF

 7CAC9C

 639182

 4A7768

 315E50

 194639

 003024

 001C0F

 000000

 B2E3D2

 B2E3D2

 9BE3CA

 C9E3DA

 85E3C2

 DFE3E2

 6EE3BA

 F6E3EA

 57E3B2

 FFE3F2

 41E3AB

 FFE3F9

 2AE3A3

 FFE3FF

 13E39B

 00E394

# Harmonies

## Analogous

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



C4E0C1



B2E3D2



A8E3E5

# Triad

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



B2E3D2



D5D6FB



FBD0BD

# Complementary

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



B2E3D2



E3B2C3

# 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.



FFCCCC



B2E3D2



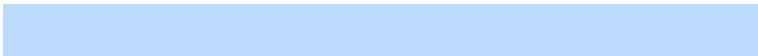
EBD0F0

# Square

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



B2E3D2



BDDCFC



FACCDF



EDD5B5

# Rectangle

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



B2E3D2



A9E2F0



FACCDF



FDCEC1



# Sweetspot

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



B2E3D2



F0FFFA



C3E3B2



77807C



000000



808080

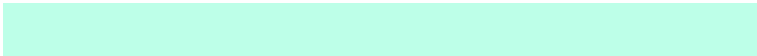


# Same Dimension

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



B2E3D2



BDFFE8



B2DCE3



67736F



00B375



003321



# Inverse Universe

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



E3B2C3



FFBDD4



E3B9B2



73676B



B3003E

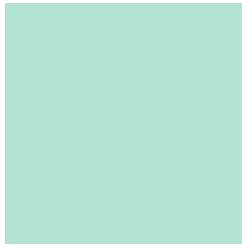


330012



# Previews

## White Background



This preview shows how the Hex color B2E3D2 looks on a white background.

## Color Contrast Check

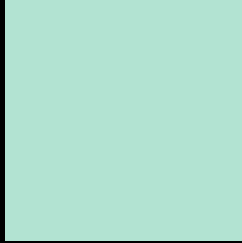
Large Text (above 18pt) WCAG AA × Fail

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 B2E3D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

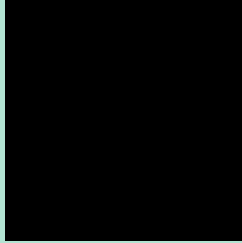
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

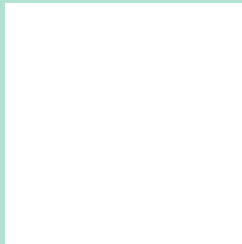
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2E3D2 Background



This preview shows how black text looks on a background with the Hex color B2E3D2.

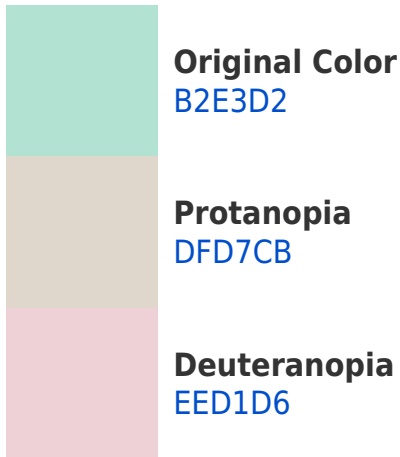


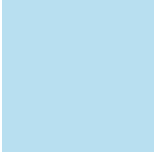
This preview shows how white text looks on a background with the Hex color B2E3D2.

# 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



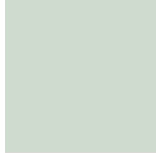


**Tritanopia**  
B8DFF0

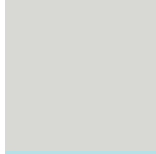
# Trichromacy



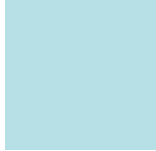
**Original Color**  
B2E3D2



**Protanomaly**  
CFDBCE



**Deuteranomaly**  
D8D8D5

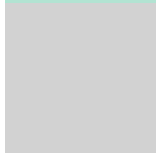


**Tritanomaly**  
B6E0E5

# Monochromacy



**Original Color**  
B2E3D2



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
C6D8D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E3D2 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 #B2E3D2 looks like.

```
.text, #text, p{  
    color:#B2E3D2  
}
```

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 #B2E3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E3D2
}
```

## Border

The CSS property to change the border of an element to Hex B2E3D2 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
#B2E3D2 }
```

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

```
.border{ border-color:#B2E3D2 }
```

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

Here you see how a box with a 4 pixel #B2E3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E3D2; -webkit-box-shadow:4px 4px  
4px 4px #B2E3D2; box-shadow:4px 4px 4px  
4px #B2E3D2 }
```

# Background

The CSS property to change the background color of an element to Hex B2E3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E3D2 }
```

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

```
.background{ background-color:#B2E3D2 }
```

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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