

Converting Colors

Hex(B2D6E2)

Have a look what the booklet for
Hex(B2D6E2) contains.

Hex(B2D6E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2D6E2)

Conversions

Conversions Part 1

Format	Color
Hex	B2D6E2
RGB	178, 214, 226
RGB Percent	70%, 84%, 89%
CMY	0.3020, 0.1608, 0.1137
CMYK	0.21, 0.05, 0.00, 0.11
HSL	195°, 45%, 79%
HSV	195°, 21%, 89%
XYZ	56.1341, 63.0491, 81.1626
YIQ	204.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

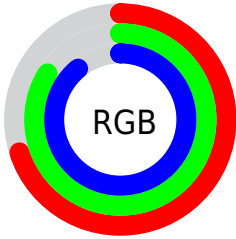
Format	Color
RYB	178, 199, 226
Decimal	11720418
CIELab	83.47, -9.24, -9.84
CIELCh	83, 13.502, 226.808
Yxy	63.0491, 0.2802, 0.3147
Android (android.graphics.Color)	4289910498 (0xFFB2D6E2)
YUV	204.6040, 10.5482, -23.3317
Hunter-Lab	79.4035, -12.7658, -5.0211

Details

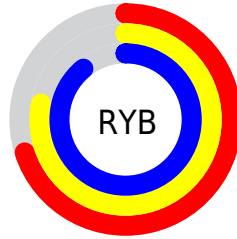
The Hex color **B2D6E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2BEB2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EAEAE2**, and **7C9FAB** is the 20% darker color. If you saturate the color by 10%, you get **9BD0E2**, and if you desaturate by 10%, it is **C9DCE2**.

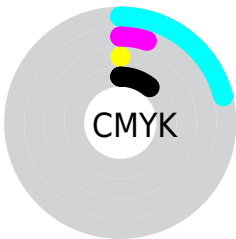
Distribution



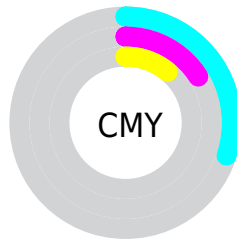
- Red (70%)
- Green (84%)
- Blue (89%)



- Red (70%)
- Yellow (78%)
- Blue (89%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D6E2 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 B2D6E2 by changing the saturation by 10% instead.

 B2D6E2

 B2D6E2

FFFFFF

 97BAC6

 EAFFFF

 7C9FAB

 638590

 4A6C77

 32545E

 193C46

 002730

 00131B

 000000

 B2D6E2

 B2D6E2

 9BD0E2

 C9DCE2

 85CBE2

 DFE1E2

 6EC5E2

 F6E7E2

 58BFE2

 FFEDE2

 41BAE2

 FFF2E2

 2AB4E2

 FFF8E2

 14AEE2

 FFFEE2

 00AAE2

 FFFF2E2

Harmonies

Analogous

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



B0D8D7



B2D6E2



BCD3E8

Triad

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



B2D6E2



E7C8D6



D3D1B8

Complementary

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



B2D6E2



E2BEB2

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.



E0CDB8



B2D6E2



EBC8C9

Square

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



B2D6E2



DBCBE1



E9CABE



C4D5BE

Rectangle

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



B2D6E2



C6D0E9



E9CABE



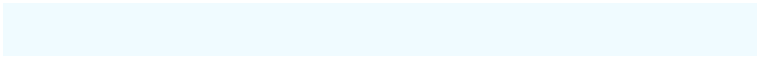
D7D0B7

Sweetspot

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



B2D6E2



F0FBFF



B2E2BE



777D80



000000



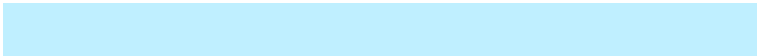
808080

Same Dimension

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



B2D6E2



BFEFFF



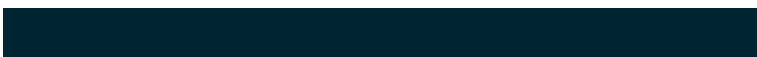
B2BFE2



656D70



0084B0



002430

Inverse Universe

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



E2B2D6



FFBFEF



E2D6B2



70656D



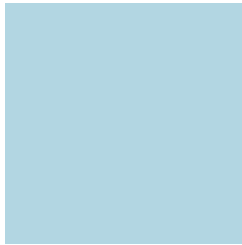
B00084



300024

Previews

White Background



This preview shows how the Hex color B2D6E2 looks on a white background.

Color Contrast Check

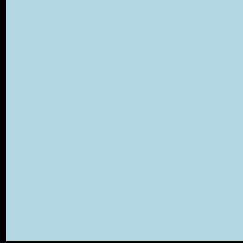
Large Text (above 18pt) WCAG AA × Fail

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 B2D6E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

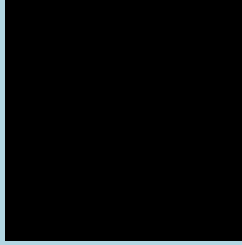
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

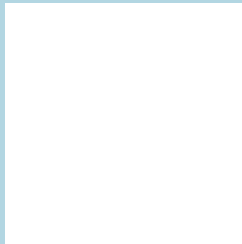
Any Text WCAG AAA ✓ Pass

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

Hex B2D6E2 Background



This preview shows how black text looks on a background with the Hex color B2D6E2.

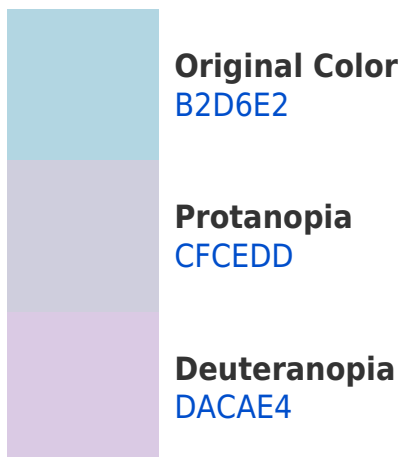


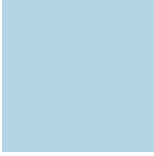
This preview shows how white text looks on a background with the Hex color B2D6E2.

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](#).

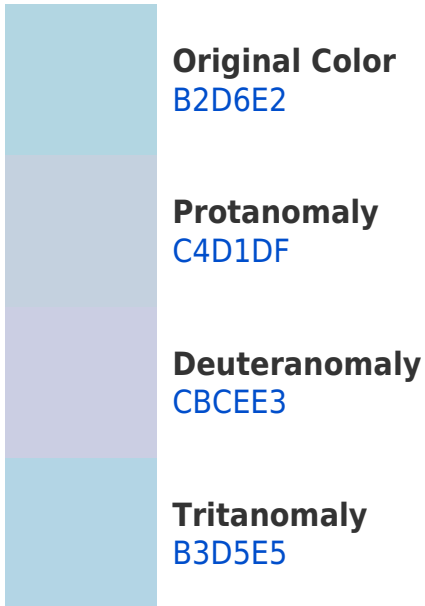
Dichromacy



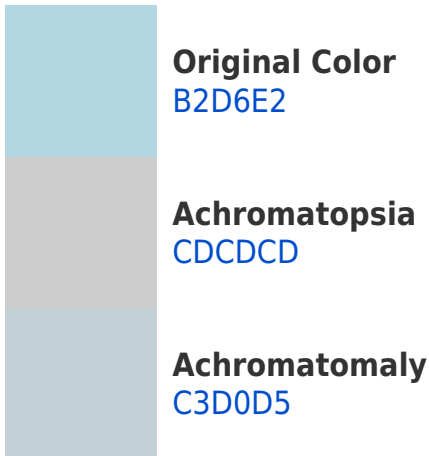


Tritanopia
B3D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D6E2 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 #B2D6E2 looks like.

```
.text, #text, p{  
    color:#B2D6E2  
}
```

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 #B2D6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D6E2
}
```

Border

The CSS property to change the border of an element to Hex B2D6E2 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
#B2D6E2 }
```

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

```
.border{ border-color:#B2D6E2 }
```

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

Here you see how a box with a 4 pixel #B2D6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D6E2; -webkit-box-shadow:4px 4px  
4px 4px #B2D6E2; box-shadow:4px 4px 4px  
4px #B2D6E2 }
```

Background

The CSS property to change the background color of an element to Hex B2D6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D6E2 }
```

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

```
.background{ background-color:#B2D6E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor