

Converting Colors

Hex(B3E6D1)

Have a look what the booklet for
Hex(B3E6D1) contains.

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Color

Hex(**B3E6D1**)

Conversions

Conversions Part 1

Format	Color
Hex	B3E6D1
RGB	179, 230, 209
RGB Percent	70%, 90%, 82%
CMY	0.2980, 0.0980, 0.1804
CMYK	0.22, 0.00, 0.09, 0.10
HSL	155°, 50%, 80%
HSV	155°, 22%, 90%
XYZ	58.3958, 70.7808, 70.9059
YIQ	212.3570, -23.6550, -17.3430

Conversions

Conversions Part 2

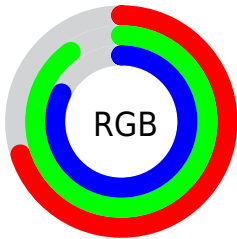
Format	Color
RYB	179, 211, 230
Decimal	11790033
CIELab	87.38, -20.54, 4.88
CIElCh	87, 21.108, 166.624
Yxy	70.7808, 0.2919, 0.3538
Android (android.graphics.Color)	4289980113 (0xFFB3E6D1)
YUV	212.3570, -1.6550, -29.2541
Hunter-Lab	84.1313, -23.3323, 8.9223

Details

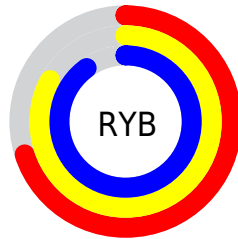
The Hex color **B3E6D1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6B3C8**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EBFFFF**, and **7DAE9B** is the 20% darker color. If you saturate the color by 10%, you get **9CE6C8**, and if you desaturate by 10%, it is **CAE6DA**.

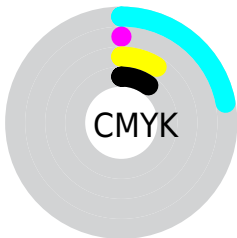
Distribution



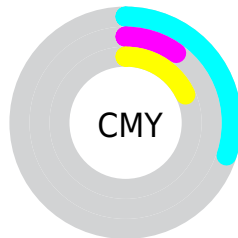
- Red (70%)
- Green (90%)
- Blue (82%)



- Red (70%)
- Yellow (83%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E6D1 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 B3E6D1 by changing the saturation by 10% instead.

 B3E6D1

 B3E6D1

FFFFFF

 98CAB5

 EBFFFF

 7DAE9B

 649481

 4B7A68

 326150

 1A4939

 003223

 001E0E

 000000

 B3E6D1

 B3E6D1

 9CE6C8

 CAE6DA

 85E6BE

 E1E6E4

 6EE6B5

 F8E6ED

 57E6AB

 FFE6F7

 40E6A2

 FFE6FF

 29E698

 12E68F

 00E687

Harmonies

Analogous

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



C8E3BF



B3E6D1



A6E7E6

Triad

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



B3E6D1



D3D9FF



FFD1BF

Complementary

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



B3E6D1



E6B3C8

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.



FFCDD0



B3E6D1



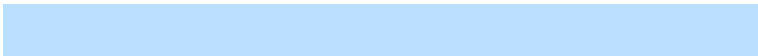
ECD2F7

Square

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



B3E6D1



BADFFF



FECEE5



F3D7B4

Rectangle

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



B3E6D1



A6E5F2



FECEE5



FFCFC4

Sweetspot

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



B3E6D1



EDFFF8



C8E6B3



75807B



000000



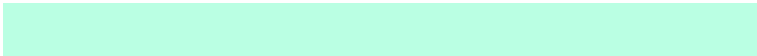
808080

Same Dimension

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



B3E6D1



BAFFE3



B3E2E6



67736E



00B369



00331E

Inverse Universe

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



E6B3C8



FFBAD7



E6B7B3



73676C



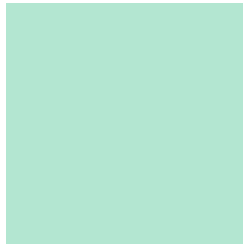
B3004A



330015

Previews

White Background



This preview shows how the Hex color B3E6D1 looks on a white background.

Color Contrast Check

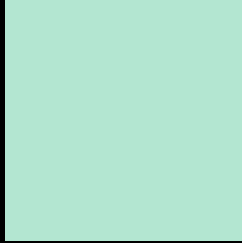
Large Text (above 18pt) WCAG AA × Fail

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 B3E6D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

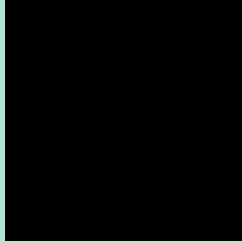
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

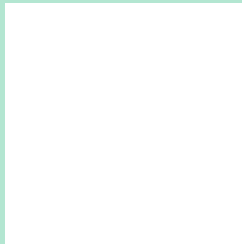
Any Text WCAG AAA ✓ Pass

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

Hex B3E6D1 Background



This preview shows how black text looks on a background with the Hex color B3E6D1.

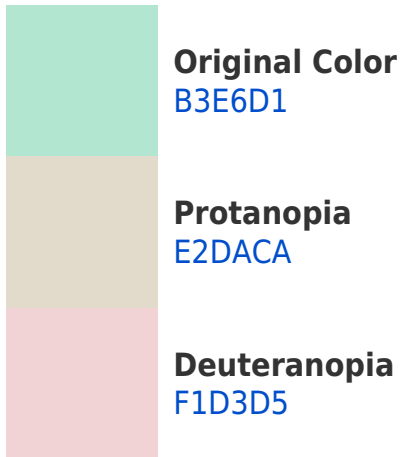


This preview shows how white text looks on a background with the Hex color B3E6D1.

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](#).

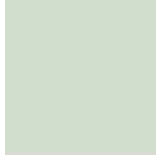
Dichromacy



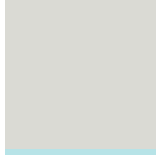
Trichromacy



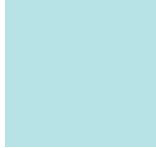
Original Color
B3E6D1



Protanomaly
D1DECD



Deuteranomaly
DADAD4

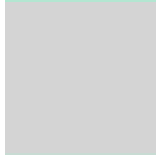


Tritanomaly
B7E3E7

Monochromacy



Original Color
B3E6D1



Achromatopsia
D4D4D4



Achromatomaly
C8DBD3

CSS Examples

Text

The CSS property to change the color of the text to Hex B3E6D1 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 #B3E6D1 looks like.

```
.text, #text, p{  
    color:#B3E6D1  
}
```

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 #B3E6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E6D1
}
```

Border

The CSS property to change the border of an element to Hex B3E6D1 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
#B3E6D1 }
```

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

```
.border{ border-color:#B3E6D1 }
```

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

Here you see how a box with a 4 pixel #B3E6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E6D1; -webkit-box-shadow:4px 4px  
4px 4px #B3E6D1; box-shadow:4px 4px 4px  
4px #B3E6D1 }
```

Background

The CSS property to change the background color of an element to Hex B3E6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E6D1 }
```

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

```
.background{ background-color:#B3E6D1 }
```

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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