

# Converting Colors

Hex(BEE3DA)

Have a look what the booklet for  
Hex(BEE3DA) contains.

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# **Color**

**Hex(BEE3DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEE3DA
RGB	190, 227, 218
RGB Percent	75%, 89%, 85%
CMY	0.2549, 0.1098, 0.1451
CMYK	0.16, 0.00, 0.04, 0.11
HSL	165°, 40%, 82%
HSV	165°, 16%, 89%
XYZ	61.3592, 70.9473, 76.7899
YIQ	214.9110, -19.1630, -10.6430

# Conversions

## Conversions Part 2

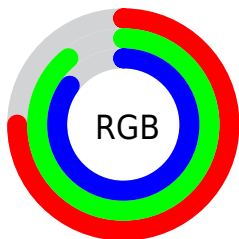
Format	Color
R <sub>YB</sub>	190, 211, 227
Decimal	12510170
CIE Lab	87.46, -13.81, 0.35
CIE LCh	87, 13.818, 178.530
Yxy	70.9473, 0.2934, 0.3393
Android (android.graphics.Color)	4290700250 (0xFFBEE3DA)
YUV	214.9110, 1.5229, -21.8469
Hunter-Lab	84.2302, -17.3710, 4.9084

# Details

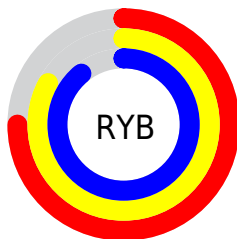
The Hex color **BEE3DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3BEC7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F7FFFF**, and **88ACA3** is the 20% darker color. If you saturate the color by 10%, you get **A7E3D4**, and if you desaturate by 10%, it is **D5E3E0**.

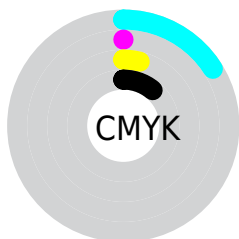
# Distribution



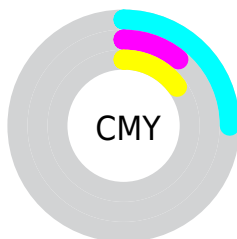
- Red (75%)
- Green (89%)
- Blue (85%)



- Red (75%)
- Yellow (83%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEE3DA 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 BEE3DA by changing the saturation by 10% instead.



 BEE3DA

FFFFFF

 F7FFFF

 BEE3DA

 A3C7BE

 88ACA3

 6E9189

 567770

 3E5E57

 264740

 0F302A

 001C16

 000000

 BEE3DA

 BEE3DA

 A7E3D4

 D5E3E0

 91E3CF

 EBE3E5

 7AE3C9

 FFE3EB

 63E3C4

 FFE3F0

 4DE3BE

 FFE3F6

 36E3B9

 FFE3FB

 1FE3B3

 FFE3FF

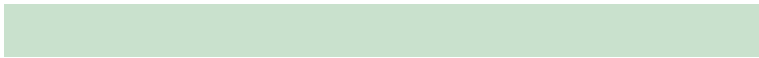
 08E3AE

 00E3AC

# Harmonies

## Analogous

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



C9E1CD



BEE3DA



BAE3E7

# Triad

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



BEE3DA



DDD8F2



F2D6C5

# Complementary

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



BEE3DA



E3BEC7

# 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.



F7D3CF



BEE3DA



ECD4E9

# Square

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



BEE3DA



CDDCF5



F5D2DC



E7DAC1

# Rectangle

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



BEE3DA



BDE1EE



F5D2DC



F5D5C8

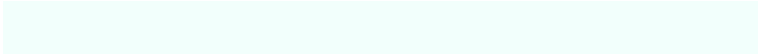


# Sweetspot

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



BEE3DA



F2FFFC



C7E3BE



78807E



000000



808080

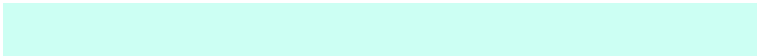


# Same Dimension

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



BEE3DA



CCFFF3



BEDAE3



677370



00B387



003327



# Inverse Universe

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



E3BEC7



FFCCD8



E3C7BE



73676A



B3002B

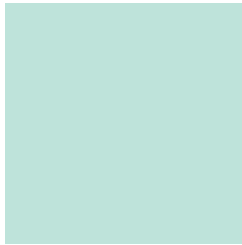


33000C



# Previews

## White Background



This preview shows how the Hex color BEE3DA looks on a white background.

## Color Contrast Check

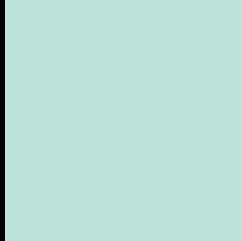
Large Text (above 18pt) WCAG AA × Fail

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 BEE3DA 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

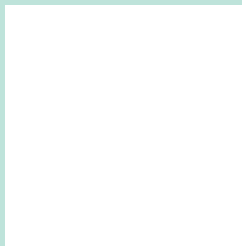
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEE3DA Background



This preview shows how black text looks on a background with the Hex color BEE3DA.

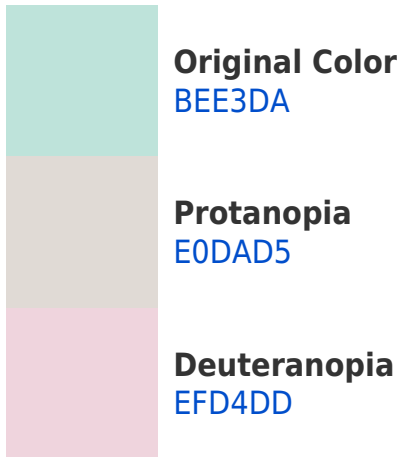


This preview shows how white text looks on a background with the Hex color BEE3DA.

# 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



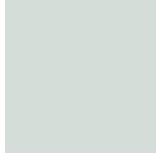


**Tritanopia**  
C2DFF1

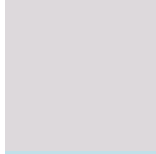
# Trichromacy



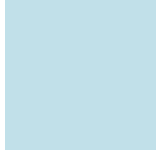
**Original Color**  
BEE3DA



**Protanomaly**  
D4DDD7



**Deuteranomaly**  
DDD9DC

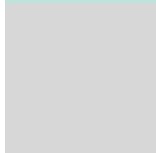


**Tritanomaly**  
C1E0E9

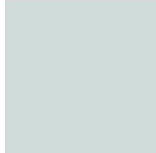
# Monochromacy



**Original Color**  
BEE3DA



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CEDBD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEE3DA 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 #BEE3DA looks like.

```
.text, #text, p{  
    color:#BEE3DA  
}
```

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 #BEE3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE3DA
}
```

## Border

The CSS property to change the border of an element to Hex BEE3DA 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
#BEE3DA }
```

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

```
.border{ border-color:#BEE3DA }
```

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

Here you see how a box with a 4 pixel #BEE3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE3DA; -webkit-box-shadow:4px 4px  
4px 4px #BEE3DA; box-shadow:4px 4px 4px  
4px #BEE3DA }
```

# Background

The CSS property to change the background color of an element to Hex BEE3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE3DA }
```

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

```
.background{ background-color:#BEE3DA }
```

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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