

# Converting Colors

Hex(BAE6B2)

Have a look what the booklet for  
Hex(BAE6B2) contains.

<b>Hex(BAE6B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BAE6B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BAE6B2
RGB	186, 230, 178
RGB Percent	73%, 90%, 70%
CMY	0.2706, 0.0980, 0.3020
CMYK	0.19, 0.00, 0.23, 0.10
HSL	111°, 51%, 80%
HSV	111°, 23%, 90%
XYZ	56.5824, 70.2471, 52.6963
YIQ	210.9160, -9.5320, -25.5000

# Conversions

## Conversions Part 2

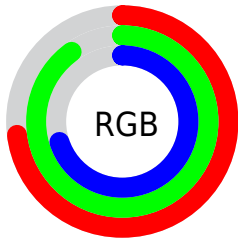
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 230, 222</a>
Decimal	<a href="#">12248754</a>
CIELab	<a href="#">87.12, -23.86, 20.76</a>
CIELCh	<a href="#">87, 31.629, 138.968</a>
Yxy	<a href="#">70.2471, 0.3152, 0.3913</a>
Android (android.graphics.Color)	<a href="#">4290438834 (0xFFBAE6B2)</a>
YUV	<a href="#">210.9160, -16.2276, -21.8513</a>
Hunter-Lab	<a href="#">83.8135, -26.1686, 21.3919</a>

# Details

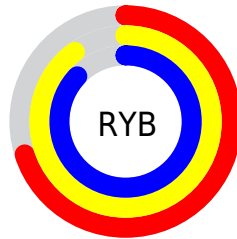
The Hex color **BAE6B2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEB2E6**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F3FFEA**, and **84AE7D** is the 20% darker color. If you saturate the color by 10%, you get **A7E69B**, and if you desaturate by 10%, it is **CDE6C9**.

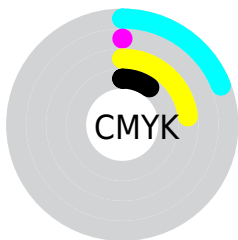
# Distribution



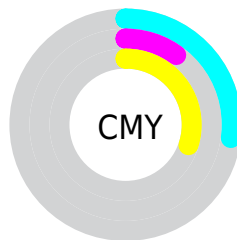
- Red (73%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAE6B2 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 BAE6B2 by changing the saturation by 10% instead.



 BAE6B2

 BAE6B2


FFFFFF

 9FCA97

 F3FFEA

 84AE7D

 6A9464

 517A4C

 396135

 21491F

 093208

 001E00

 000000

 BAE6B2

 BAE6B2

 A7E69B

 CDE6C9

 93E684

 E1E6E0

 80E66D

 F4E6F7

 6CE656

 FFE6FF

 59E63F

 45E628

 32E611

 23E600

# Harmonies

## Analogous

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



DCDEA1



BAE6B2



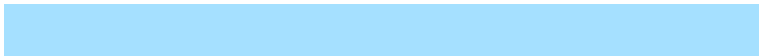
99EACE

# Triad

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



BAE6B2



A5E0FF



FFC5C8

# Complementary

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



BAE6B2



DEB2E6

# 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.



FFC5E7



BAE6B2



D0D6FF

# Square

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



BAE6B2



86E8FF



F6CCFF



FFCBAE

# Rectangle

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



BAE6B2



88EBE2



F6CCFF



FFC4D2



# Sweetspot

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



BAE6B2



F0FFED



E6DDB2



778075



000000



808080

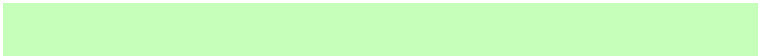


# Same Dimension

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



BAE6B2



C5FFBA



B2E6C3



697367



1BB300



083300



# Inverse Universe

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



DEB2E6



F4BAFF



E6B2D5



716773



9700B3

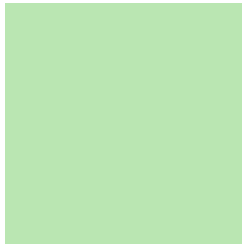


2B0033



# Previews

## White Background



This preview shows how the Hex color BAE6B2 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 BAE6B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

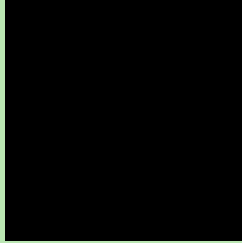
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

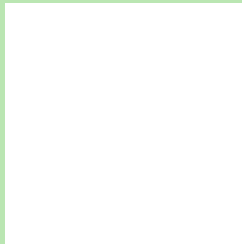
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAE6B2 Background



This preview shows how black text looks on a background with the Hex color BAE6B2.

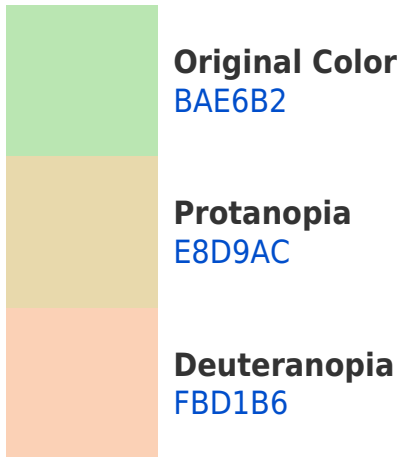


This preview shows how white text looks on a background with the Hex color BAE6B2.

# 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](#).

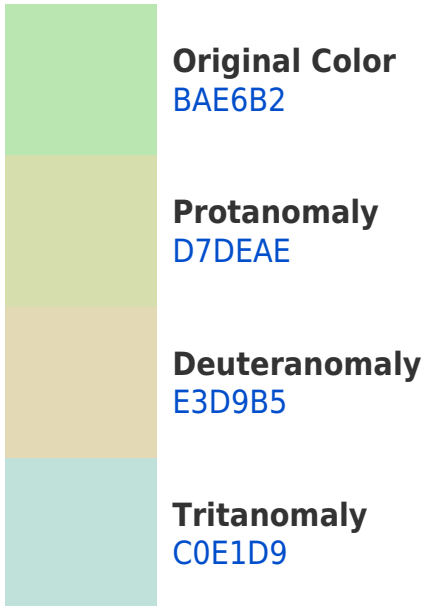
## Dichromacy



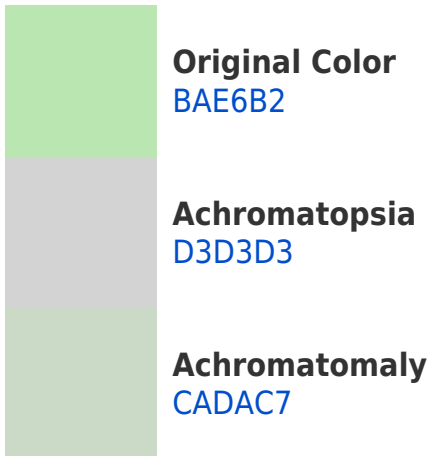


**Tritanopia**  
C4DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAE6B2 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 #BAE6B2 looks like.

```
.text, #text, p{  
    color:#BAE6B2  
}
```

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 #BAE6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE6B2
}
```

## Border

The CSS property to change the border of an element to Hex BAE6B2 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
#BAE6B2 }
```

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

```
.border{ border-color:#BAE6B2 }
```

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

Here you see how a box with a 4 pixel #BAE6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE6B2; -webkit-box-shadow:4px 4px  
4px 4px #BAE6B2; box-shadow:4px 4px 4px  
4px #BAE6B2 }
```

# Background

The CSS property to change the background color of an element to Hex BAE6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE6B2 }
```

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

```
.background{ background-color:#BAE6B2 }
```

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