

# Converting Colors

Hex(B6EAC2)

Have a look what the booklet for  
Hex(B6EAC2) contains.

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# **Color**

**Hex(B6EAC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6EAC2
RGB	182, 234, 194
RGB Percent	71%, 92%, 76%
CMY	0.2863, 0.0824, 0.2392
CMYK	0.22, 0.00, 0.17, 0.08
HSL	134°, 55%, 82%
HSV	134°, 22%, 92%
XYZ	58.4518, 72.6858, 61.9880
YIQ	213.8920, -18.1520, -23.4640

# Conversions

## Conversions Part 2

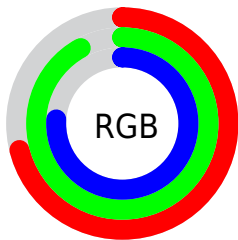
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 224, 234
Decimal	11987650
CIE <sub>Lab</sub>	88.30, -24.36, 14.06
CIE <sub>LCh</sub>	88, 28.130, 150.003
Yxy	72.6858, 0.3027, 0.3764
Android (android.graphics.Color)	4290177730 (0xFFB6EAC2)
YUV	213.8920, -9.8068, -27.9693
Hunter-Lab	85.2559, -26.8176, 16.5705

# Details

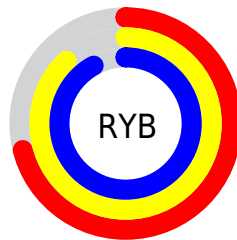
The Hex color **B6EAC2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EAB6DE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EFFFFB**, and **80B28C** is the 20% darker color. If you saturate the color by 10%, you get **9FEAB0**, and if you desaturate by 10%, it is **CDEAD4**.

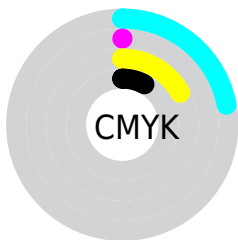
# Distribution



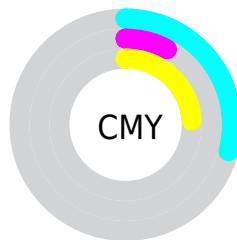
- Red (71%)
- Green (92%)
- Blue (76%)



- Red (71%)
- Yellow (88%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6EAC2 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 B6EAC2 by changing the saturation by 10% instead.



 B6EAC2

 B6EAC2

FFFFFF

 9BCEA7

 EFFFFB


 80B28C

 669773

 4D7D5A

 356443

 1C4C2C

 013517

 002000

 000000

 B6EAC2

 B6EAC2

 9FEAB0

 CDEAD4

 87EA9E

 E5EAE6

 70EA8C

 FCEAF8

 58EA7A

 FFEAFF

 41EA68

 2AEA56

 12EA44

 00EA36

# Harmonies

## Analogous

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



D5E4AF



B6EAC2



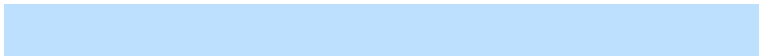
9CEDDD

# Triad

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



B6EAC2



BDE0FF



FFCC4

# Complementary

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



B6EAC2



EAB6DE

# 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.



FFCADF



B6EAC2



E2D7FF

# Square

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



B6EAC2



9EE8FF



FFCEF9



FFD3B0

# Rectangle

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



B6EAC2



92EDEF



FFCEF9



FFCBCC



# Sweetspot

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



B6EAC2



EDFFF1



DFEAB6



758078



000000



808080

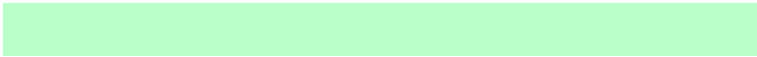


# Same Dimension

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



B6EAC2



BAFFCA



B6EADB



6A756C



00B52A



00360C



# Inverse Universe

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



EAB6DE



FFBAEF



EAB6C5



756A73



B5008B

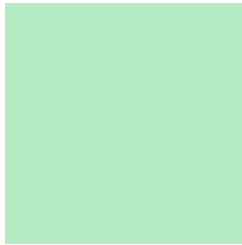


360029



# Previews

## White Background



This preview shows how the Hex color B6EAC2 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 B6EAC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

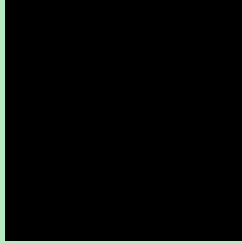
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

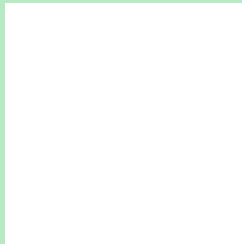
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6EAC2 Background



This preview shows how black text looks on a background with the Hex color B6EAC2.

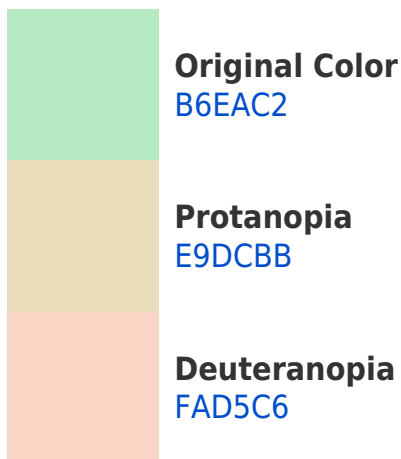


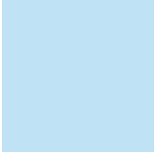
This preview shows how white text looks on a background with the Hex color B6EAC2.

# 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](#).

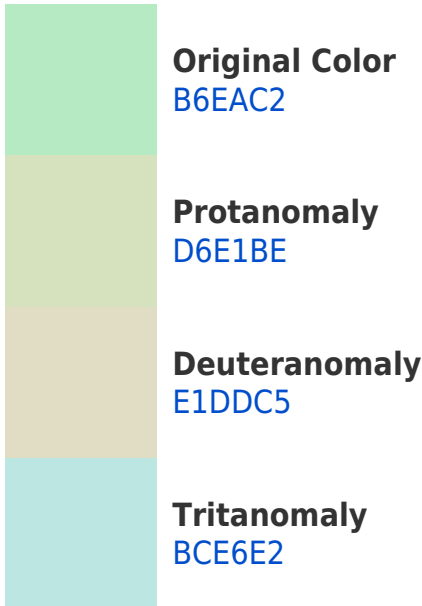
## Dichromacy



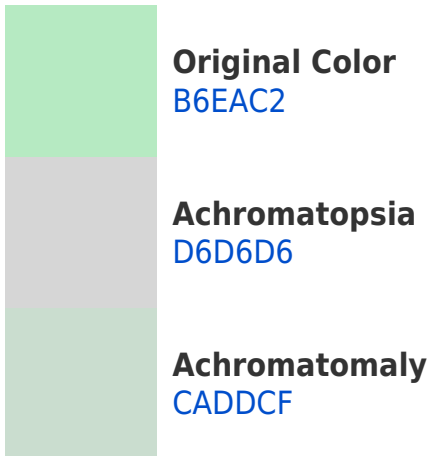


**Tritanopia**  
BFE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6EAC2 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 #B6EAC2 looks like.

```
.text, #text, p{  
    color:#B6EAC2  
}
```

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 #B6EAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6EAC2
}
```

## Border

The CSS property to change the border of an element to Hex B6EAC2 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
#B6EAC2 }
```

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

```
.border{ border-color:#B6EAC2 }
```

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

Here you see how a box with a 4 pixel #B6EAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6EAC2; -webkit-box-shadow:4px 4px  
4px 4px #B6EAC2; box-shadow:4px 4px 4px  
4px #B6EAC2 }
```

# Background

The CSS property to change the background color of an element to Hex B6EAC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6EAC2 }
```

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

```
.background{ background-color:#B6EAC2 }
```

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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