

Converting Colors

Hex(B5EACC)

Have a look what the booklet for
Hex(B5EACC) contains.

Hex(B5EACC)	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(B5EACC)

Conversions

Conversions Part 1

Format	Color
Hex	B5EACC
RGB	181, 234, 204
RGB Percent	71%, 92%, 80%
CMY	0.2902, 0.0824, 0.2000
CMYK	0.23, 0.00, 0.13, 0.08
HSL	146°, 56%, 81%
HSV	146°, 23%, 92%
XYZ	59.3780, 73.0290, 68.0932
YIQ	214.7330, -21.9580, -20.5660

Conversions

Conversions Part 2

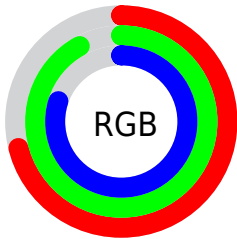
Format	Color
RYB	181, 218, 234
Decimal	11922124
CIELab	88.46, -22.83, 9.07
CIELCh	88, 24.572, 158.328
Yxy	73.0290, 0.2961, 0.3642
Android (android.graphics.Color)	4290112204 (0xFFB5EACC)
YUV	214.7330, -5.2914, -29.5838
Hunter-Lab	85.4570, -25.5229, 12.5769

Details

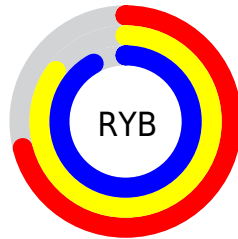
The Hex color **B5EACC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EAB5D3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EEFFFF**, and **7FB296** is the 20% darker color. If you saturate the color by 10%, you get **9EEABF**, and if you desaturate by 10%, it is **CCEAD9**.

Distribution



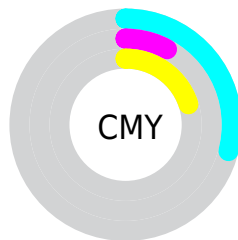
- Red (71%)
- Green (92%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5EACC 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 B5EACC by changing the saturation by 10% instead.

 B5EACC

 B5EACC

FFFFFF

 9ACEB1

 EEEFFF

 7FB296

 65977C

 4C7D63

 34644B

 1B4C34

 00351F

 002008

 000000

 B5EACC

 B5EACC

 9EEABF

 CCEAD9

 86EAB2

 E4EAE6

 6FEAA4

 FBFAF4

 57EA97

 FFEAFF

 40EA8A

 29EA7D

 11EA6F

 00EA66

Harmonies

Analogous

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



CFE5B9



B5EACC



A2ECE4

Triad

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



B5EACC



CCDEFF



FFD0C2

Complementary

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



B5EACC



EAB5D3

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.



FFCDD8



B5EACC



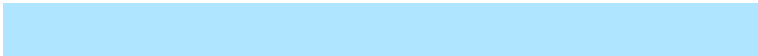
EAD6FF

Square

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



B5EACC



AFE5FF



FFD0F0



FFD7B3

Rectangle

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



B5EACC



9DEBF3



FFD0F0



FFCFC9

Sweetspot

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



B5EACC



EDFFF5



D3EAB5



75807A



000000



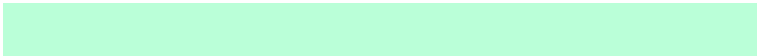
808080

Same Dimension

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



B5EACC



BAFFD8



B5EAE6



6A756F



00B54F



003617

Inverse Universe

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



EAB5D3



FFBAE1



EAB5B9



756A70



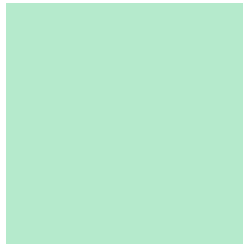
B50066



36001E

Previews

White Background



This preview shows how the Hex color B5EACC looks on a white background.

Color Contrast Check

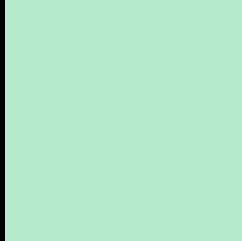
Large Text (above 18pt) WCAG AA × Fail

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 B5EACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

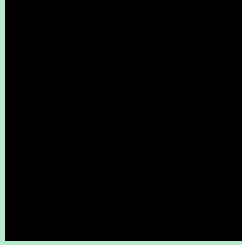
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

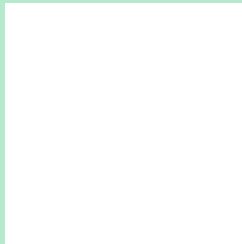
Any Text WCAG AAA ✓ Pass

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

Hex B5EACC Background



This preview shows how black text looks on a background with the Hex color B5EACC.

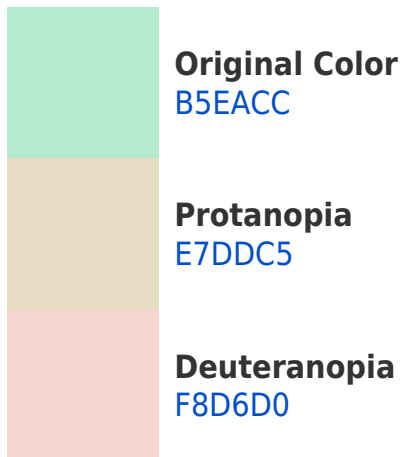


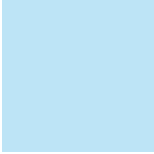
This preview shows how white text looks on a background with the Hex color B5EACC.

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



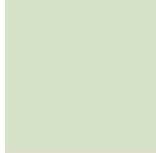


Tritanopia
BDE4F6

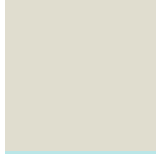
Trichromacy



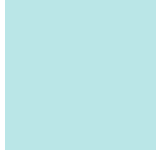
Original Color
B5EACC



Protanomaly
D5E2C8



Deuteranomaly
E0DDCF

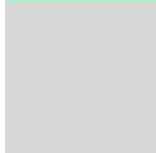


Tritanomaly
BAE6E7

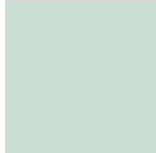
Monochromacy



Original Color
B5EACC



Achromatopsia
D7D7D7



Achromatomaly
CBDED3

CSS Examples

Text

The CSS property to change the color of the text to Hex B5EACC 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 #B5EACC looks like.

```
.text, #text, p{  
    color:#B5EACC  
}
```

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 #B5EACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EACC
}
```

Border

The CSS property to change the border of an element to Hex B5EACC 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
#B5EACC }
```

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

```
.border{ border-color:#B5EACC }
```

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

Here you see how a box with a 4 pixel #B5EACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EACC; -webkit-box-shadow:4px 4px  
4px 4px #B5EACC; box-shadow:4px 4px 4px  
4px #B5EACC }
```

Background

The CSS property to change the background color of an element to Hex B5EACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EACC }
```

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

```
.background{ background-color:#B5EACC }
```

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