

# Converting Colors

Hex(BEA5CC)

Have a look what the booklet for  
Hex(BEA5CC) contains.

<b>Hex(BEA5CC)</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(BEA5CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA5CC
RGB	190, 165, 204
RGB Percent	75%, 65%, 80%
CMY	0.2549, 0.3529, 0.2000
CMYK	0.07, 0.19, 0.00, 0.20
HSL	278°, 28%, 72%
HSV	278°, 19%, 80%
XYZ	45.5894, 42.2170, 62.8726
YIQ	176.9210, 2.3810, 17.4290

# Conversions

## Conversions Part 2

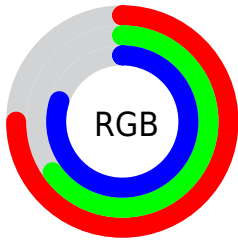
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	190, 165, 204
Decimal	12494284
CIE <sub>Lab</sub>	71.02, 16.30, -16.51
CIE <sub>LCh</sub>	71, 23.203, 314.642
Yxy	42.2170, 0.3026, 0.2802
Android (android.graphics.Color)	4290684364 (0xFFBEA5CC)
YUV	176.9210, 13.3499, 11.4703
Hunter-Lab	64.9746, 11.5388, -11.8896

# Details

The Hex color **BEA5CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B3CCA5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F7DCFF**, and **887196** is the 20% darker color. If you saturate the color by 10%, you get **B791CC**, and if you desaturate by 10%, it is **C5B9CC**.

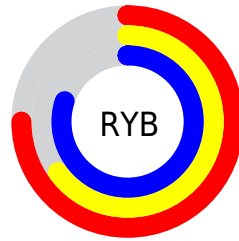
# Distribution



Red (75%)

Green (65%)

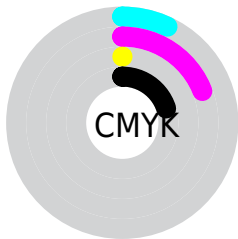
Blue (80%)



Red (75%)

Yellow (65%)

Blue (80%)

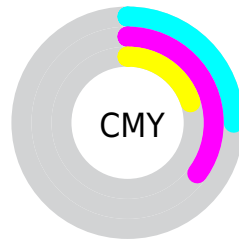


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (35%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA5CC 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 BEA5CC by changing the saturation by 10% instead.



 BEA5CC

 BEA5CC

FFFFFF

 A38BB1

 F7DCFF

 887196

 FFF9FF

 6F587C

 564163

 3E2B4B

 281634

 16001F

 000003

 000000

 BEA5CC

 BEA5CC

 B791CC

 C5B9CC

 AF7CCC

 CDCECC

 A868CC

 D4E2CC

 A153CC

 DBF7CC

 993FCC

 E3FFCC

 922BCC

 EAFFCC

 8B16CC

 F1FFCC

 8302CC

 F9FFCC

 8300CC

 FFFFCC

# Harmonies

## Analogous

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



A3ACD6



BEA5CC



D1A0BA

# Triad

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



BEA5CC



C8A986



74BAB8

# Complementary

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



BEA5CC



B3CCA5

# 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.



84B9A2



BEA5CC



B3B085

# Square

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



BEA5CC



D5A291



9BB68F



74B8CB

# Rectangle

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



BEA5CC



D89FAB



9BB68F



78BAB0



# Sweetspot

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



BEA5CC



FAF0FF



A5B3CC



7C7780



000000



808080



# Same Dimension

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



BEA5CC



EAC4FF



CCA5C7



625C66



6A00A6



190026



# Inverse Universe

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



CCA5B3



FFC4D9



A5CCAA



665C5F



A6003C



26000E



# Previews

## White Background



This preview shows how the Hex color BEA5CC looks on a white background.

## Color Contrast Check

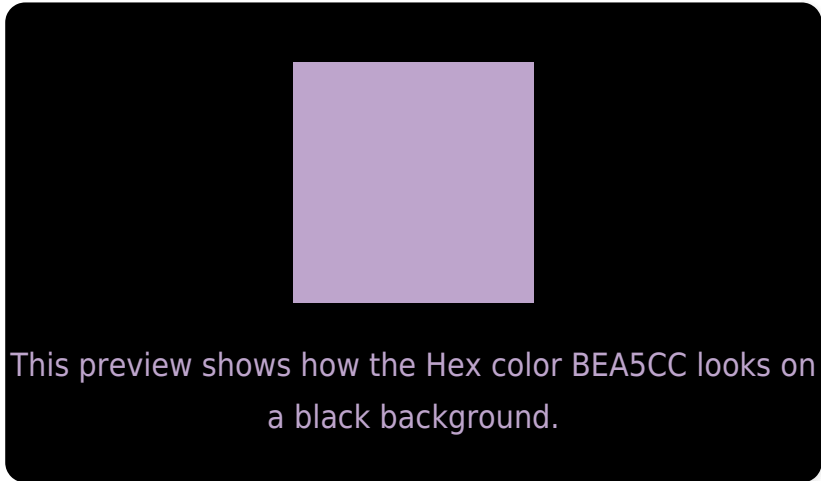
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

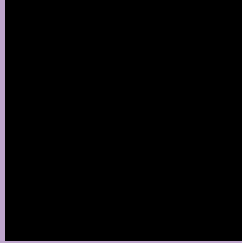
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEA5CC Background



This preview shows how black text looks on a background with the Hex color BEA5CC.

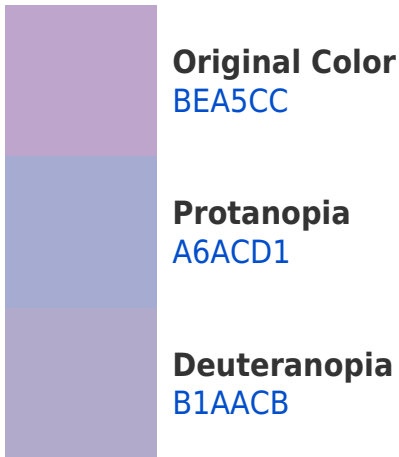


This preview shows how white text looks on a background with the Hex color BEA5CC.

# Color Blindness Simulation

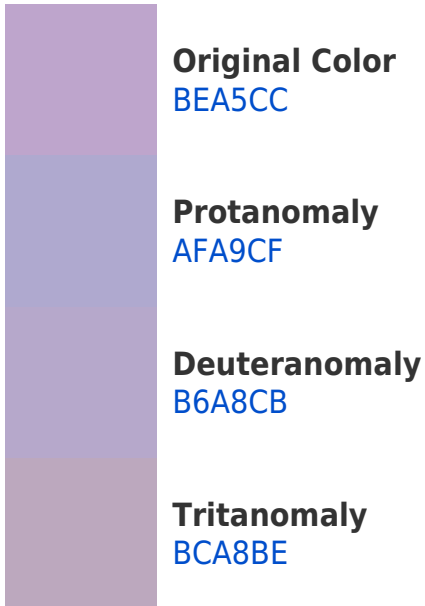
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

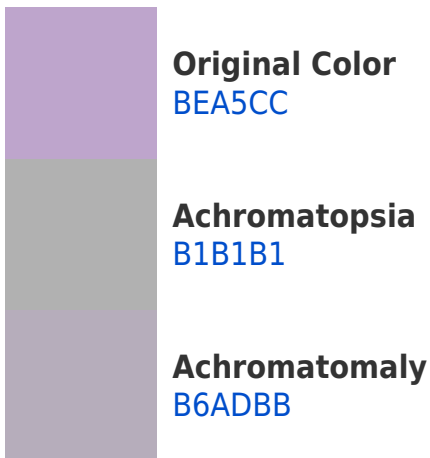




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA5CC 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 #BEA5CC looks like.

```
.text, #text, p{  
    color:#BEA5CC  
}
```

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 #BEA5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA5CC
}
```

## Border

The CSS property to change the border of an element to Hex BEA5CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

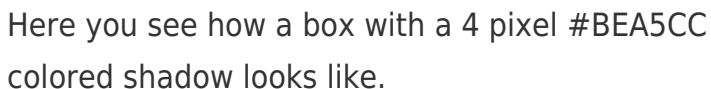
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BEA5CC }
```

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

```
.border{ border-color:#BEA5CC }
```

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



Here you see how a box with a 4 pixel #BEA5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA5CC; -webkit-box-shadow:4px 4px  
4px 4px #BEA5CC; box-shadow:4px 4px 4px  
4px #BEA5CC }
```

# Background

The CSS property to change the background color of an element to Hex BEA5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA5CC }
```

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

```
.background{ background-color:#BEA5CC }
```

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