

# Converting Colors

Hex(BEA2CD)

Have a look what the booklet for  
Hex(BEA2CD) contains.

<b>Hex(BEA2CD)</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(**BEA2CD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA2CD
RGB	190, 162, 205
RGB Percent	75%, 64%, 80%
CMY	0.2549, 0.3647, 0.1961
CMYK	0.07, 0.21, 0.00, 0.20
HSL	279°, 30%, 72%
HSV	279°, 21%, 80%
XYZ	45.1750, 41.1956, 63.3282
YIQ	175.2740, 2.8850, 19.3090

# Conversions

## Conversions Part 2

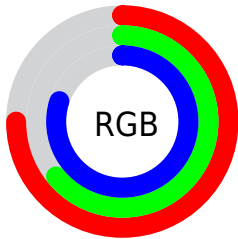
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 162, 205
Decimal	12493517
CIELab	70.31, 18.16, -18.13
CIELCh	70, 25.665, 315.053
Yxy	41.1956, 0.3018, 0.2752
Android (android.graphics.Color)	4290683597 (0xFFBEA2CD)
YUV	175.2740, 14.6549, 12.9147
Hunter-Lab	64.1838, 13.3134, -13.5710

# Details

The Hex color **BEA2CD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1CDA2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F7D9FF**, and **886E97** is the 20% darker color. If you saturate the color by 10%, you get **B78ECD**, and if you desaturate by 10%, it is **C5B6CD**.

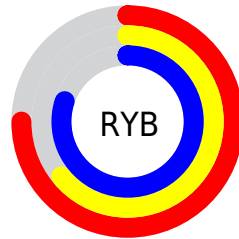
# Distribution



Red (75%)

Green (64%)

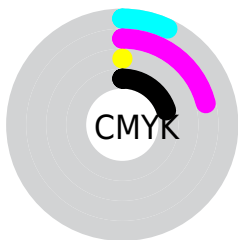
Blue (80%)



Red (75%)

Yellow (64%)

Blue (80%)

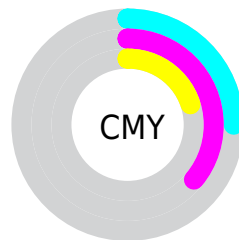


Cyan (7%)

Magenta (21%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (36%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA2CD 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 BEA2CD by changing the saturation by 10% instead.



 BEA2CD

 BEA2CD

FFFFFF

 A388B1

 F7D9FF

 886E97

 FFF5FF

 6F567D

 563E64

 3E284C

 281335

 160020

 000003

 000000

 BEA2CD

 BEA2CD

 B78ECD

 C5B6CD

 B079CD

 CCCBCD

 A964CD

 D3DFCD

 A150CD

 DBF4CD

 9A3BCD

 E2FFCD

 9327CD

 E9FFCD

 8C12CD

 F0FFCD

 8500CD

 F7FFCD

 FEFFCD

# Harmonies

## Analogous

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



A0AAD9



BEA2CD



D39CB9

# Triad

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



BEA2CD



C8A67F



6AB9B7

# Complementary

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



BEA2CD



B1CDA2

# 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.



7DB89F



BEA2CD



B1AE7F

# Square

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



BEA2CD



D79F8C



96B48A



6AB7CC

# Rectangle

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



BEA2CD



DA9BA9



96B48A



6FB9AF



# Sweetspot

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



BEA2CD



FAF0FF



A2B1CD



7C7780



000000



808080



# Same Dimension

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



BEA2CD



E9BFFF



CDA2C7



625C66



6C00A6



190026



# Inverse Universe

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



CDA2B1



FFBFD5



A2CDA8



665C5F



A6003A

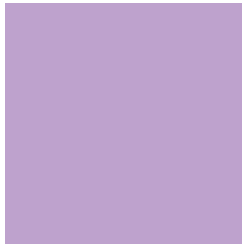


26000D



# Previews

## White Background



This preview shows how the Hex color BEA2CD looks on a white background.

## Color Contrast Check

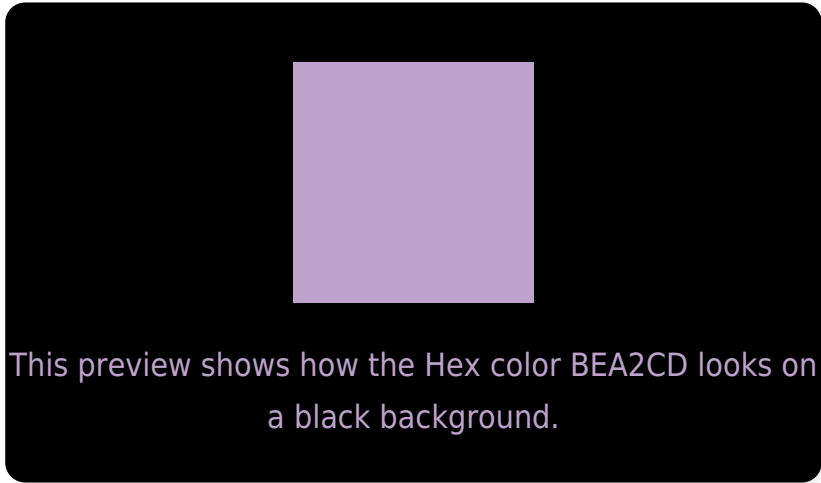
Large Text (above 18pt) WCAG AA × Fail

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 BEA2CD Background



This preview shows how black text looks on a background with the Hex color BEA2CD.

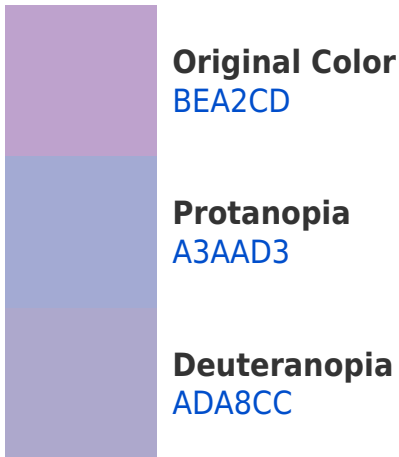


This preview shows how white text looks on a background with the Hex color BEA2CD.

# 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**  
BAA7B4

# Trichromacy



**Original Color**  
BEA2CD

**Protanomaly**  
ADA7D1

**Deuteranomaly**  
B3A6CC

**Tritanomaly**  
BBA5BD

# Monochromacy



**Original Color**  
BEA2CD

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B4AABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA2CD 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 #BEA2CD looks like.

```
.text, #text, p{  
    color:#BEA2CD  
}
```

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 #BEA2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA2CD
}
```

## Border

The CSS property to change the border of an element to Hex BEA2CD 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
#BEA2CD }
```

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

```
.border{ border-color:#BEA2CD }
```

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

Here you see how a box with a 4 pixel #BEA2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA2CD; -webkit-box-shadow:4px 4px  
4px 4px #BEA2CD; box-shadow:4px 4px 4px  
4px #BEA2CD }
```

# Background

The CSS property to change the background color of an element to Hex BEA2CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA2CD }
```

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

```
.background{ background-color:#BEA2CD }
```

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