

# Converting Colors

Hex(BEAFC4)

Have a look what the booklet for  
Hex(BEAFC4) contains.

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# Color

**Hex(BEAFC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BEAFC4
RGB	190, 175, 196
RGB Percent	75%, 69%, 77%
CMY	0.2549, 0.3137, 0.2314
CMYK	0.03, 0.11, 0.00, 0.23
HSL	283°, 15%, 73%
HSV	283°, 11%, 77%
XYZ	46.5290, 45.5926, 58.5725
YIQ	181.8790, 2.1990, 9.7110

# Conversions

## Conversions Part 2

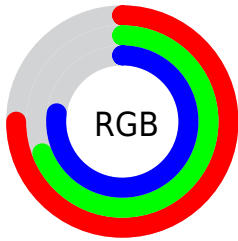
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 175, 196
Decimal	12496836
CIELab	73.28, 9.23, -8.73
CIELCh	73, 12.704, 316.618
Yxy	45.5926, 0.3088, 0.3026
Android (android.graphics.Color)	4290686916 (0xFFBEAFC4)
YUV	181.8790, 6.9617, 7.1221
Hunter-Lab	67.5223, 4.8386, -4.1657

# Details

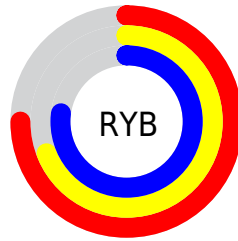
The Hex color **BEAFC4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B5C4AF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F6E7FD**, and **897B8E** is the 20% darker color. If you saturate the color by 10%, you get **B89BC4**, and if you desaturate by 10%, it is **C4C3C4**.

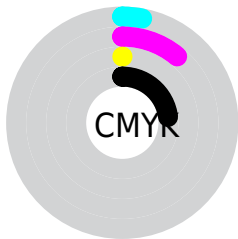
# Distribution



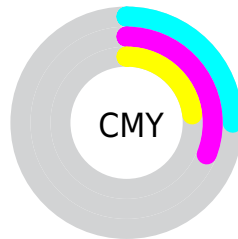
- Red (75%)
- Green (69%)
- Blue (77%)



- Red (75%)
- Yellow (69%)
- Blue (77%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (31%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEAFC4 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 BEAFC4 by changing the saturation by 10% instead.



■ BEAFC4

■ BEAFC4

FFFFFF

■ A394A9

■ F6E7FD

■ 897B8E

■ 6F6275

■ 574A5C

■ 3F3345

■ 291E2E

■ 16061A

■ 000000

■ BEAFC4

■ BEAFC4

 B89BC4

 C4C3C4

 B388C4

 C9D6C4

 AD74C4

 CFEAC4

 A861C4

 D4FDC4

 A24DC4


 DAFFC4

 9C39C4

 E0FFC4

 9726C4

 E5FFC4

 9112C4

 EBFFC4

 8C00C4

 F0FFC4

# Harmonies

## Analogous

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



B0B3CA



BEAFC4



C9ADBA

# Triad

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



BEAFC4



C3B19E



97BBBA

# Complementary

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



BEAFC4



B5C4AF

# 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.



9DBAAE



BEAFC4



B7B59E

# Square

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



BEAFC4



CBAEA3



A9B8A4



98B9C4

# Rectangle

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



BEAFC4



CCACB2



A9B8A4



98BBB6



# Sweetspot

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



BEAFC4



FDF7FF



AFB5C4



7E7A80



000000



808080



# Same Dimension

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



BEAFC4



F6DEFF



C4AFC0



5E5761



7300A1



180021



# Inverse Universe

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



C4AFB5



FFDEE7



AFC4B3



61575A



A1002E



210009



# Previews

## White Background



This preview shows how the Hex color BEAFC4 looks on a white background.

## Color Contrast Check

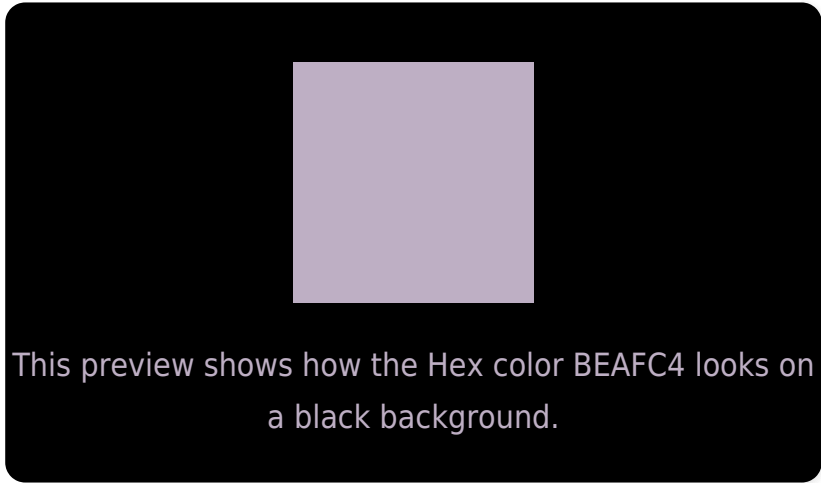
Large Text (above 18pt) WCAG AA × Fail

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

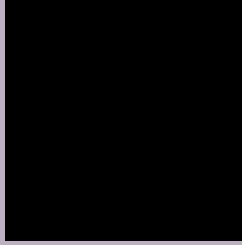
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEAFC4 Background



This preview shows how black text looks on a background with the Hex color BEAFC4.



This preview shows how white text looks on a background with the Hex color BEAFC4.

# 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



**Original Color**  
BEAFC4

**Protanopia**  
B2B3C6

**Deuteranopia**  
BEAFC4



# Trichromacy



**Original Color**  
BEAFC4

**Protanomaly**  
B6B2C5

**Deuteranomaly**  
BEAFC4

**Tritanomaly**  
BDB0C0

# Monochromacy



**Original Color**  
BEAFC4

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B9B3BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEAFC4 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 #BEAFC4 looks like.

```
.text, #text, p{  
    color:#BEAFC4  
}
```

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 #BEAFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEAFC4
}
```

## Border

The CSS property to change the border of an element to Hex BEAFC4 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
#BEAFC4 }
```

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

```
.border{ border-color:#BEAFC4 }
```

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

Here you see how a box with a 4 pixel #BEAFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEAFC4; -webkit-box-shadow:4px 4px  
4px 4px #BEAFC4; box-shadow:4px 4px 4px  
4px #BEAFC4 }
```

# Background

The CSS property to change the background color of an element to Hex BEAFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEAFC4 }
```

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

```
.background{ background-color:#BEAFC4 }
```

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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