

# Converting Colors

Hex(BBB1E4)

Have a look what the booklet for  
Hex(BBB1E4) contains.

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# **Color**

**Hex(BBB1E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB1E4
RGB	187, 177, 228
RGB Percent	73%, 69%, 89%
CMY	0.2667, 0.3059, 0.1059
CMYK	0.18, 0.22, 0.00, 0.11
HSL	252°, 49%, 79%
HSV	252°, 22%, 89%
XYZ	50.2192, 47.6105, 79.9417
YIQ	185.8040, -10.4110, 17.9810

# Conversions

## Conversions Part 2

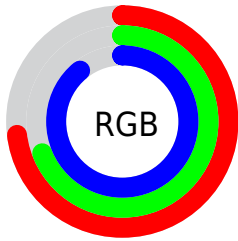
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 177, 228
Decimal	12300772
CIE Lab	74.58, 13.79, -24.26
CIE LCh	75, 27.903, 299.621
Yxy	47.6105, 0.2825, 0.2678
Android (android.graphics.Color)	4290490852 (0xFFBBB1E4)
YUV	185.8040, 20.8026, 1.0489
Hunter-Lab	69.0004, 9.1637, -20.3913

# Details

The Hex color **BBB1E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAE4B1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F4E9FF**, and **857CAC** is the 20% darker color. If you saturate the color by 10%, you get **A99AE4**, and if you desaturate by 10%, it is **CDC8E4**.

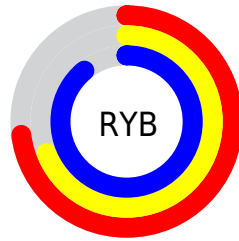
# Distribution



Red (73%)

Green (69%)

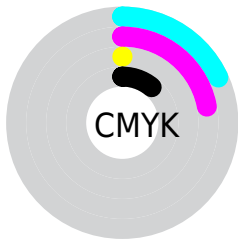
Blue (89%)



Red (73%)

Yellow (69%)

Blue (89%)

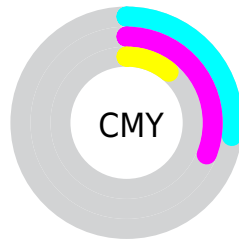


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (31%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB1E4 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 BBB1E4 by changing the saturation by 10% instead.



■ BBB1E4

■ BBB1E4

FFFFFF

■ A096C8

■ F4E9FF

■ 857CAC

■ 6B6492

■ 534C78

■ 3A355F

■ 232047

■ 0E0930

■ 00011B

■ 000000

■ BBB1E4

■ BBB1E4

■ A99AE4

■ CDC8E4

■ 9683E4

■ E0DFE4

■ 846DE4

■ F2F5E4

■ 7256E4

■ FFFFE4

■ 5F3FE4

■ 4D28E4

■ 3B11E4

■ 2D00E4

# Harmonies

## Analogous

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



97BAEA



BBB1E4



D8A9D2

# Triad

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



BBB1E4



E0AD8C



77C6B6

# Complementary

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



BBB1E4



DAE4B1

# 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.



91C39D



BBB1E4



CAB684

# Square

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



BBB1E4



EBA79F



AFBE8A



6AC5D0

# Rectangle

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



BBB1E4



E5A6C1



AFBE8A



7FC5AD



# Sweetspot

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



BBB1E4



F1EDFF



B1DBE4



777580



000000



808080



# Same Dimension

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



BBB1E4



C8BAFF



D4B1E4



6A6773



2300B3



0A0033



# Inverse Universe

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



E4B1DA



FFBAF2



C1E4B1



736771



B30090

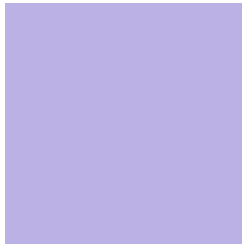


330029



# Previews

## White Background



This preview shows how the Hex color BBB1E4 looks on a white background.

## Color Contrast Check

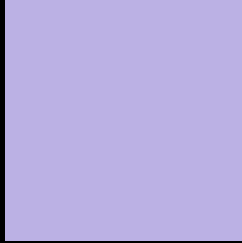
Large Text (above 18pt) WCAG AA × Fail

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 BBB1E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

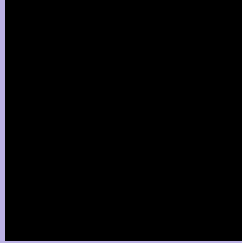
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB1E4 Background



This preview shows how black text looks on a background with the Hex color BBB1E4.



This preview shows how white text looks on a background with the Hex color BBB1E4.

# 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**  
BBB1E4

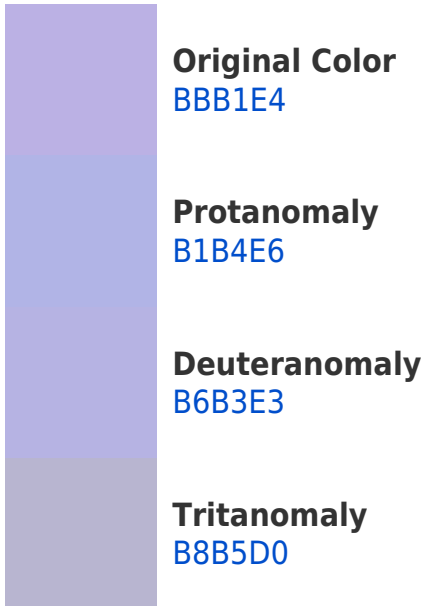
**Protanopia**  
ABB6E7

**Deuteranopia**  
B3B4E3

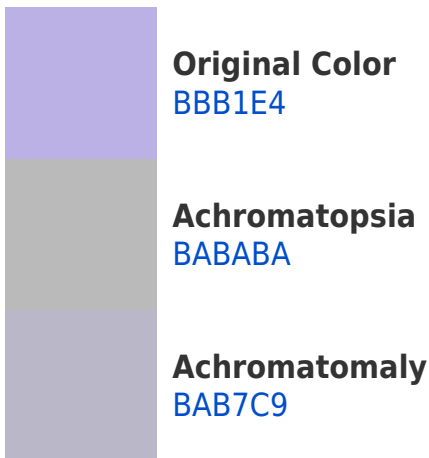


**Tritanopia**  
B6B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB1E4 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 #BBB1E4 looks like.

```
.text, #text, p{  
    color:#BBB1E4  
}
```

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 #BBB1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB1E4
}
```

## Border

The CSS property to change the border of an element to Hex BBB1E4 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
#BBB1E4 }
```

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

```
.border{ border-color:#BBB1E4 }
```

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

Here you see how a box with a 4 pixel #BBB1E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB1E4; -webkit-box-shadow:4px 4px  
4px 4px #BBB1E4; box-shadow:4px 4px 4px  
4px #BBB1E4 }
```

# Background

The CSS property to change the background color of an element to Hex BBB1E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB1E4 }
```

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

```
.background{ background-color:#BBB1E4 }
```

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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