

# Converting Colors

Hex(BBB7F3)

Have a look what the booklet for  
Hex(BBB7F3) contains.

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# **Color**

**Hex(BBB7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB7F3
RGB	187, 183, 243
RGB Percent	73%, 72%, 95%
CMY	0.2667, 0.2824, 0.0471
CMYK	0.23, 0.25, 0.00, 0.05
HSL	244°, 71%, 84%
HSV	244°, 25%, 95%
XYZ	53.6047, 50.9028, 91.7940
YIQ	191.0360, -16.8760, 19.5080

# Conversions

## Conversions Part 2

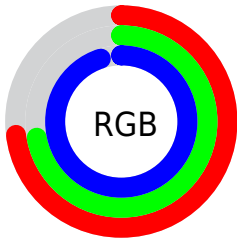
Format	Color
<a href="#">RYB</a>	<a href="#">187, 183, 243</a>
Decimal	<a href="#">12302323</a>
CIELab	<a href="#">76.62, 13.88, -29.25</a>
CIElCh	<a href="#">77, 32.372, 295.386</a>
Yxy	<a href="#">50.9028, 0.2731, 0.2593</a>
Android (android.graphics.Color)	<a href="#">4290492403 (0xFFBBB7F3)</a>
YUV	<a href="#">191.0360, 25.6183, -3.5396</a>
Hunter-Lab	<a href="#">71.3462, 9.2568, -26.3401</a>

# Details

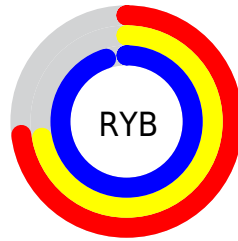
The Hex color **BBB7F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFF3B7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F4EFFF**, and **8582BB** is the 20% darker color. If you saturate the color by 10%, you get **A49FF3**, and if you desaturate by 10%, it is **D2CFF3**.

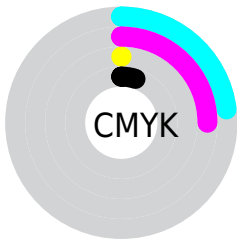
# Distribution



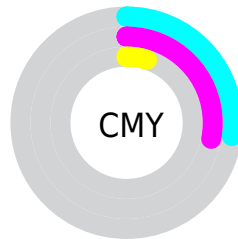
- Red (73%)
- Green (72%)
- Blue (95%)



- Red (73%)
- Yellow (72%)
- Blue (95%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (27%)
- Magenta (28%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB7F3 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 BBB7F3 by changing the saturation by 10% instead.



■ BBB7F3

■ BBB7F3

FFFFFF

■ A09CD6

■ F4EFFF

■ 8582BB

■ 6B69A0

■ 515185

■ 393A6C

■ 202553

■ 04103C

■ 000226

■ 00010E

 BBB7F3

 BBB7F3

 A49FF3

 D2CFF3

 8E86F3

 E8E8F3

 776EF3

 FFFFF3

 6056F3

 4A3DF3

 3325F3

 1C0DF3

 1000F3

# Harmonies

## Analogous

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



8FC1F8



BBB7F3



DFADDF

# Triad

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



BBB7F3



EEB08D



73CDB7

# Complementary

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



BBB7F3



EFF3B7

# 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.



95CA9A



BBB7F3



D6BA81

# Square

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



BBB7F3



F9A8A5



B8C386



5DCDD6

# Rectangle

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



BBB7F3



EFA8CD



B8C386



7ECDAD



# Sweetspot

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



BBB7F3



EEEDFF



B7EFF3



767580



000000



808080



# Same Dimension

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



BBB7F3



B8B3FF



D9B7F3



6F6E7A



0C00BA



04003B



# Inverse Universe

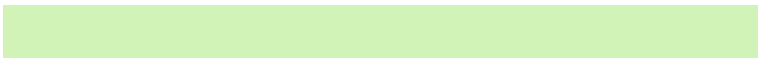
The Inverse Universe completely reimagines the original color for something new.



F3B7EF



FFB3FA



D1F3B7



7A6E7A



BA00AE

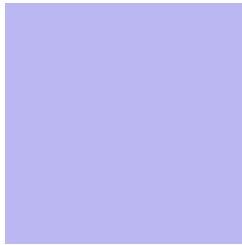


3B0037



# Previews

## White Background



This preview shows how the Hex color BBB7F3 looks on a white background.

## Color Contrast Check

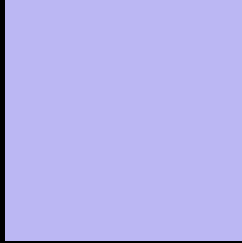
Large Text (above 18pt) WCAG AA × Fail

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 BBB7F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

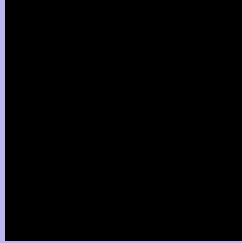
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB7F3 Background



This preview shows how black text looks on a background with the Hex color BBB7F3.

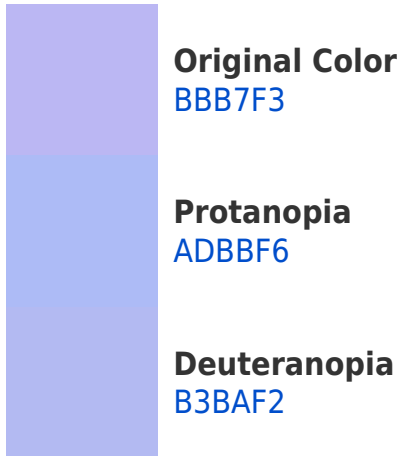


This preview shows how white text looks on a background with the Hex color BBB7F3.

# 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](#).

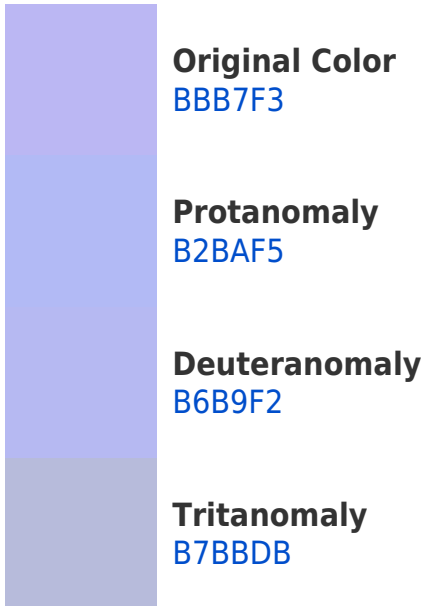
## Dichromacy



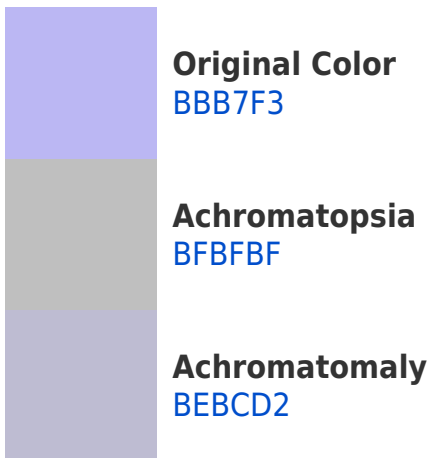


**Tritanopia**  
B4BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB7F3 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 #BBB7F3 looks like.

```
.text, #text, p{  
    color:#BBB7F3  
}
```

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 #BBB7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB7F3
}
```

## Border

The CSS property to change the border of an element to Hex BBB7F3 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
#BBB7F3 }
```

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

```
.border{ border-color:#BBB7F3 }
```

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

Here you see how a box with a 4 pixel #BBB7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB7F3; -webkit-box-shadow:4px 4px  
4px 4px #BBB7F3; box-shadow:4px 4px 4px  
4px #BBB7F3 }
```

# Background

The CSS property to change the background color of an element to Hex BBB7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB7F3 }
```

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

```
.background{ background-color:#BBB7F3 }
```

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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