

# Converting Colors

Hex(BBB5EC)

Have a look what the booklet for  
Hex(BBB5EC) contains.

<b>Hex(BBB5EC)</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(BBB5EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB5EC
RGB	187, 181, 236
RGB Percent	73%, 71%, 93%
CMY	0.2667, 0.2902, 0.0745
CMYK	0.21, 0.23, 0.00, 0.07
HSL	247°, 59%, 82%
HSV	247°, 23%, 93%
XYZ	52.1577, 49.6687, 86.1949
YIQ	189.0640, -14.0790, 18.3770

# Conversions

## Conversions Part 2

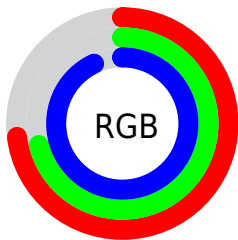
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 181, 236
Decimal	12301804
CIELab	75.87, 13.38, -26.62
CIELCh	76, 29.798, 296.681
Yxy	49.6687, 0.2774, 0.2642
Android (android.graphics.Color)	4290491884 (0xFFBBB5EC)
YUV	189.0640, 23.1394, -1.8101
Hunter-Lab	70.4760, 8.7708, -23.1808

# Details

The Hex color **BBB5EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6ECB5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F4EDFF**, and **8580B4** is the 20% darker color. If you saturate the color by 10%, you get **A69DEC**, and if you desaturate by 10%, it is **D0CDEC**.

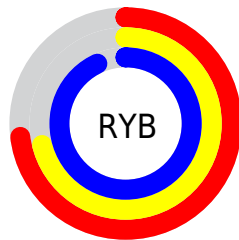
# Distribution



Red (73%)

Green (71%)

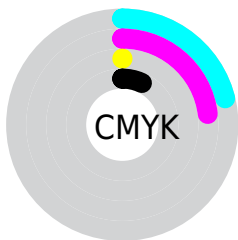
Blue (93%)



Red (73%)

Yellow (71%)

Blue (93%)

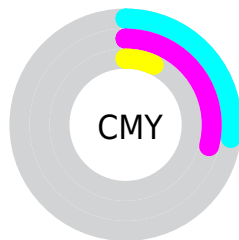


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (29%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB5EC 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 BBB5EC by changing the saturation by 10% instead.



■ BBB5EC

■ BBB5EC

FFFFFF

■ A09AD0

■ F4EDFF

■ 8580B4

■ 6B6799

■ 524F7F

■ 3A3866

■ 22234E

■ 090E36

■ 000221

■ 000005

 BBB5EC

 BBB5EC

 A69DEC

 D0CDEC

 9186EC

 E5E4EC

 7C6EEC

 FAFCEC

 6757EC

 FFFFEC

 523FEC

 3D27EC

 2810EC

 1A00EC

# Harmonies

## Analogous

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



94BEF1



BBB5EC



DBACDA

# Triad

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



BBB5EC



E7AF8E



77CAB7

# Complementary

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



BBB5EC



E6ECB5

# 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.



95C79C



BBB5EC



D2B884

# Square

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



BBB5EC



F2A8A4



B5C189



66CAD3

# Rectangle

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



BBB5EC



EAA8C8



B5C189



81C9AD



# Sweetspot

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



BBB5EC



EFEDFF



B5E6EC



767580



000000



808080



# Same Dimension

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



BBB5EC



BFB8FF



D6B5EC



6B6A75



1400B5



060036



# Inverse Universe

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



ECB5E6



FFB8F7



CBECB5



756A74



B500A1

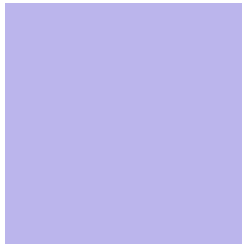


360030



# Previews

## White Background



This preview shows how the Hex color BBB5EC looks on a white background.

## Color Contrast Check

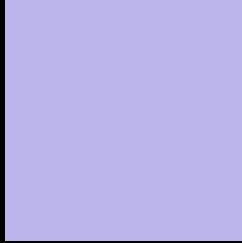
Large Text (above 18pt) WCAG AA × Fail

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 BBB5EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

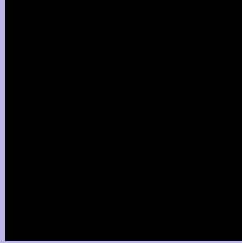
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB5EC Background



This preview shows how black text looks on a background with the Hex color BBB5EC.

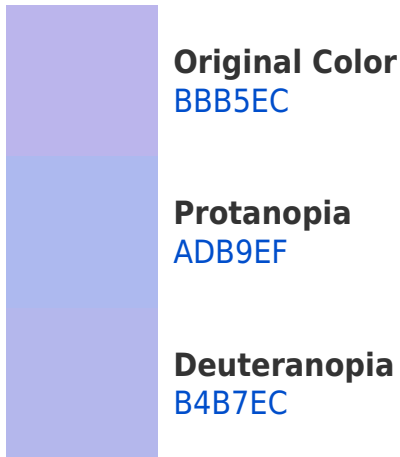


This preview shows how white text looks on a background with the Hex color BBB5EC.

# Color Blindness Simulation

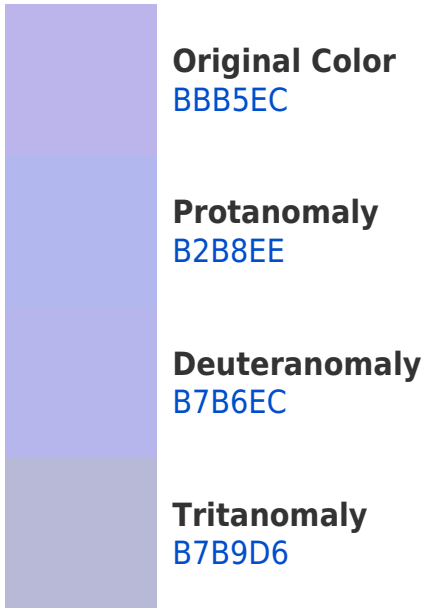
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

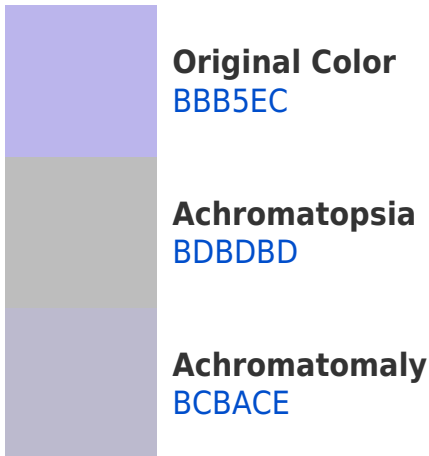




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB5EC 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 #BBB5EC looks like.

```
.text, #text, p{  
    color:#BBB5EC  
}
```

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 #BBB5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB5EC
}
```

## Border

The CSS property to change the border of an element to Hex BBB5EC 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
#BBB5EC }
```

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

```
.border{ border-color:#BBB5EC }
```

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

Here you see how a box with a 4 pixel #BBB5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB5EC; -webkit-box-shadow:4px 4px  
4px 4px #BBB5EC; box-shadow:4px 4px 4px  
4px #BBB5EC }
```

# Background

The CSS property to change the background color of an element to Hex BBB5EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB5EC }
```

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

```
.background{ background-color:#BBB5EC }
```

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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