

# Converting Colors

Hex(BBBDF9)

Have a look what the booklet for  
Hex(BBBDF9) contains.

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# **Color**

**Hex(BBBDF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBDF9
RGB	187, 189, 249
RGB Percent	73%, 74%, 98%
CMY	0.2667, 0.2588, 0.0235
CMYK	0.25, 0.24, 0.00, 0.02
HSL	238°, 84%, 85%
HSV	238°, 25%, 98%
XYZ	55.7900, 53.7995, 97.0664
YIQ	195.2420, -20.4520, 18.2360

# Conversions

## Conversions Part 2

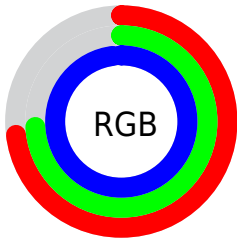
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 189, 249
Decimal	12303865
CIE Lab	78.34, 11.98, -29.82
CIE LCh	78, 32.141, 291.892
Yxy	53.7995, 0.2700, 0.2603
Android (android.graphics.Color)	4290493945 (0xFFBBBDF9)
YUV	195.2420, 26.5027, -7.2282
Hunter-Lab	73.3482, 7.4112, -27.1186

# Details

The Hex color **BBBDF9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9F7BB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F4F5FF**, and **8588C0** is the 20% darker color. If you saturate the color by 10%, you get **A2A5F9**, and if you desaturate by 10%, it is **D4D5F9**.

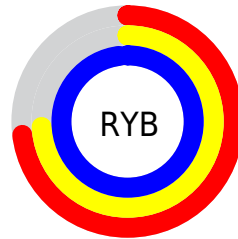
# Distribution



Red (73%)

Green (74%)

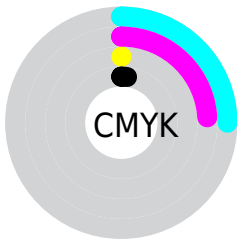
Blue (98%)



Red (73%)

Yellow (74%)

Blue (98%)

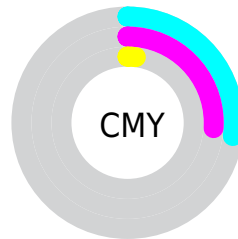


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (26%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBBDF9 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 BBBDF9 by changing the saturation by 10% instead.



 BBBDF9

 BBBDF9


FFFFFF

 9FA2DC


 F4F5FF

 8588C0

 6A6FA5

 51568B

 383F71

 1E2958

 001540

 00002A

 000114

 BBBDF9

 BBBDF9

 A2A5F9

 D4D5F9

 898DF9

 EDEDF9

 7075F9

 FFFFF9

 575DF9

 3E45F9

 262CF9

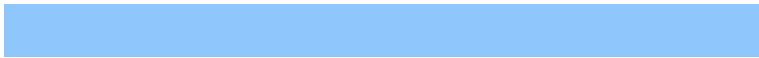
 0D14F9

 0008F9

# Harmonies

## Analogous

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



8FC7FC



BBBDF9



E0B3E7

# Triad

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



BBBDF9



F4B394



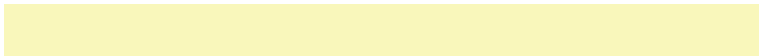
7CD2B8

# Complementary

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



BBBDF9



F9F7BB

# 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.



9ECE9C



BBBDF9



DEBD87

# Square

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



BBBDF9



FEADAD



C0C78A



65D2D7

# Rectangle

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



BBBDF9



F1AED5



C0C78A



87D1AE



# Sweetspot

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



BBBDF9



EDEEFF



BBF9F7



757680



000000



808080



# Same Dimension

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



BBBDF9



B3B5FF



D8BBF9



70717D



0006BD



00023D



# Inverse Universe

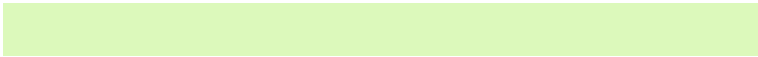
The Inverse Universe completely reimagines the original color for something new.



F9BBBD



FFB3B5



DCF9BB



7D7071



BD0006



3D0002



# Previews

## White Background



This preview shows how the Hex color BBBDF9 looks on a white background.

## Color Contrast Check

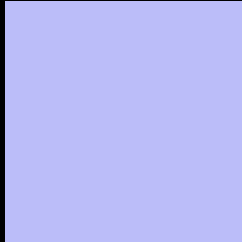
Large Text (above 18pt) WCAG AA × Fail

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 BBBDF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

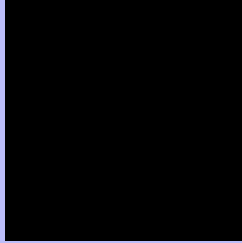
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBDF9 Background



This preview shows how black text looks on a background with the Hex color BBDF9.



This preview shows how white text looks on a background with the Hex color BBDF9.

# 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**  
B4C4D3

# Trichromacy



**Original Color**  
BBBDF9

**Protanomaly**  
B5BEFA

**Deuteranomaly**  
B8BEF9

**Tritanomaly**  
B7C1E1

# Monochromacy



**Original Color**  
BBBDF9

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C0C1D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBBDF9 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 #BBBDF9 looks like.

```
.text, #text, p{  
    color:#BBBDF9  
}
```

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 #BBBDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBBDF9
}
```

## Border

The CSS property to change the border of an element to Hex BBBDF9 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
#BBBDF9 }
```

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

```
.border{ border-color:#BBBDF9 }
```

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

Here you see how a box with a 4 pixel #BBBDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBBDF9; -webkit-box-shadow:4px 4px  
4px 4px #BBBDF9; box-shadow:4px 4px 4px  
4px #BBBDF9 }
```

# Background

The CSS property to change the background color of an element to Hex BBBDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBBDF9 }
```

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

```
.background{ background-color:#BBBDF9 }
```

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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