

Converting Colors

Hex(BBB3D1)

Have a look what the booklet for
Hex(BBB3D1) contains.

Hex(BBB3D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BBB3D1)

Conversions

Conversions Part 1

Format	Color
Hex	BBB3D1
RGB	187, 179, 209
RGB Percent	73%, 70%, 82%
CMY	0.2667, 0.2980, 0.1804
CMYK	0.11, 0.14, 0.00, 0.18
HSL	256°, 25%, 76%
HSV	256°, 14%, 82%
XYZ	48.1222, 47.4084, 66.9360
YIQ	184.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

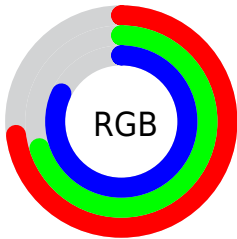
Format	Color
RYB	187, 179, 209
Decimal	12301265
CIELab	74.45, 8.64, -14.11
CIELCh	74, 16.543, 301.476
Yxy	47.4084, 0.2962, 0.2918
Android (android.graphics.Color)	4290491345 (0xFFBBB3D1)
YUV	184.8120, 11.9247, 1.9189
Hunter-Lab	68.8538, 4.2604, -9.4410

Details

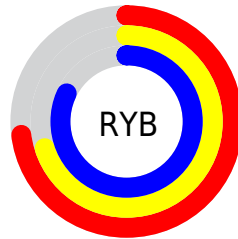
The Hex color **BBB3D1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C9D1B3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F3EBFF**, and **867E9B** is the 20% darker color. If you saturate the color by 10%, you get **AC9ED1**, and if you desaturate by 10%, it is **CAC8D1**.

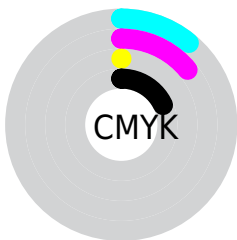
Distribution



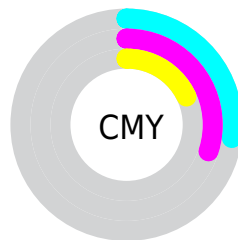
- Red (73%)
- Green (70%)
- Blue (82%)



- Red (73%)
- Yellow (70%)
- Blue (82%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB3D1 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 BBB3D1 by changing the saturation by 10% instead.

■ BBB3D1

■ BBB3D1

FFFFFF

■ A098B5

■ F3EBFF

■ 867E9B

■ 6C6581

■ 544D67

■ 3C374F

■ 262138

■ 120B23

■ 00000B

■ 000000

■ BBB3D1

■ BBB3D1

■ AC9ED1

■ CAC8D1

■ 9C89D1

■ DADDD1

■ 8D74D1

■ E9F2D1

■ 7E5FD1

■ F8FFD1

■ 6E4AD1

■ FFFFD1

■ 5F36D1

■ 5021D1

■ 400CD1

■ 3800D1

Harmonies

Analogous

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



A7B8D5



BBB3D1



CCAFC6

Triad

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



BBB3D1



D0B19D



93C0B7

Complementary

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



BBB3D1



C9D1B3

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.



A0BFA8



BBB3D1



C3B699

Square

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



BBB3D1



D7AEA8



B2BB9D



8FBFC6

Rectangle

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



BBB3D1



D3ADBC



B2BB9D



97C0B2

Sweetspot

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



BBB3D1



F8F5FF



B3C9D1



7B7980



000000



808080

Same Dimension

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



BBB3D1



DFD4FF



CAB3D1



615E69



2D00A8



0B0029

Inverse Universe

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



D1B3C9



FFD4F3



BAD1B3



695E66



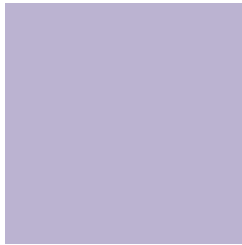
A8007B



29001E

Previews

White Background



This preview shows how the Hex color BBB3D1 looks on a white background.

Color Contrast Check

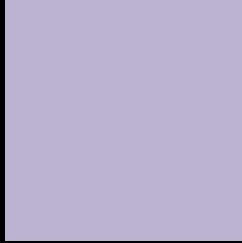
Large Text (above 18pt) WCAG AA × Fail

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 BBB3D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

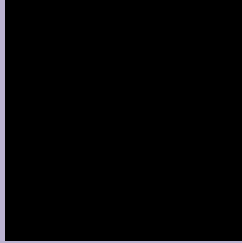
Any Text WCAG AA ✓ Pass

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 BBB3D1 Background



This preview shows how black text looks on a background with the Hex color BBB3D1.



This preview shows how white text looks on a background with the Hex color BBB3D1.

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
BBB3D1

Protanopia
B2B6D3

Deuteranopia
BDB2D1



Tritanopia
B9B5C4

Trichromacy



Original Color
BBB3D1

Protanomaly
B5B5D2

Deuteranomaly
BCB2D1

Tritanomaly
BAB4C9

Monochromacy



Original Color
BBB3D1

Achromatopsia
B9B9B9

Achromatomaly
BAB7C2

CSS Examples

Text

The CSS property to change the color of the text to Hex BBB3D1 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 #BBB3D1 looks like.

```
.text, #text, p{  
    color:#BBB3D1  
}
```

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 #BBB3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB3D1
}
```

Border

The CSS property to change the border of an element to Hex BBB3D1 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
#BBB3D1 }
```

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

```
.border{ border-color:#BBB3D1 }
```

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

Here you see how a box with a 4 pixel #BBB3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB3D1; -webkit-box-shadow:4px 4px  
4px 4px #BBB3D1; box-shadow:4px 4px 4px  
4px #BBB3D1 }
```

Background

The CSS property to change the background color of an element to Hex BBB3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB3D1 }
```

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

```
.background{ background-color:#BBB3D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor