

Converting Colors

Hex(B7B8E0)

Have a look what the booklet for
Hex(B7B8E0) contains.

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Color

Hex(B7B8E0)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8E0
RGB	183, 184, 224
RGB Percent	72%, 72%, 88%
CMY	0.2824, 0.2784, 0.1216
CMYK	0.18, 0.18, 0.00, 0.12
HSL	239°, 40%, 80%
HSV	239°, 18%, 88%
XYZ	50.1235, 49.7301, 77.4781
YIQ	188.2610, -13.4360, 12.2280

Conversions

Conversions Part 2

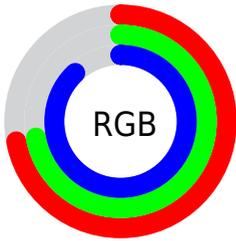
Format	Color
R_{YB}	183, 184, 224
Decimal	12040416
CIE Lab	75.90, 7.82, -20.10
CIE LCh	76, 21.569, 291.270
Yxy	49.7301, 0.2827, 0.2804
Android (android.graphics.Color)	4290230496 (0xFFB7B8E0)
YUV	188.2610, 17.6193, -4.6139
Hunter-Lab	70.5196, 3.4640, -15.7768

Details

The Hex color **B7B8E0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E0DFB7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EFF0FF**, and **8283A9** is the 20% darker color. If you saturate the color by 10%, you get **A1A2E0**, and if you desaturate by 10%, it is **CDCEE0**.

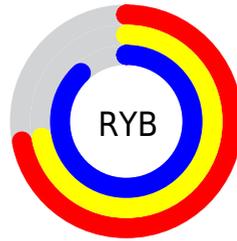
Distribution



Red (72%)

Green (72%)

Blue (88%)



Red (72%)

Yellow (72%)

Blue (88%)

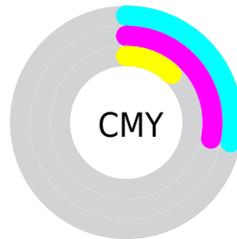


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (28%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B8E0 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 B7B8E0 by changing the saturation by 10% instead.

 B7B8E0

 B7B8E0

FFFFFF

 9C9DC4

 EFFF0F

 8283A9

 686A8E

 4F5275

 383B5C

 212544

 0A112E

 000119

 000000

 B7B8E0

 B7B8E0

 A1A2E0

 CDCEE0

 8A8CE0

 E4E4E0

 7476E0

 FAFAE0

 5D61E0

 FFFFE0

 474BE0

 3135E0

 1A1FE0

 0409E0

 0005E0

Harmonies

Analogous

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



9DBFE2



B7B8E0



CFB2D4

Triad

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



B7B8E0



DFB29D



90C6B4

Complementary

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



B7B8E0



E0DFB7

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.



A4C3A2



B7B8E0



D0B894

Square

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



B7B8E0



E5AEAE



BBE96



85C6C9

Rectangle

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



B7B8E0



DBAEC8



BBBE96



96C6AE

Sweetspot

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



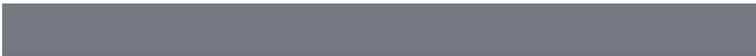
B7B8E0



F2F3FF



B7E0DF



787880



000000



808080

Same Dimension

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



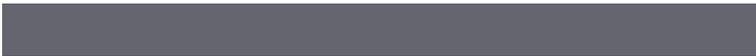
B7B8E0



C7C8FF



CAB7E0



656570



0004B0



000130

Inverse Universe

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



E0B7B8



FFC7C8



CDE0B7



706565



B00004



300001

Previews

White Background



This preview shows how the Hex color B7B8E0 looks on a white background.

Color Contrast Check

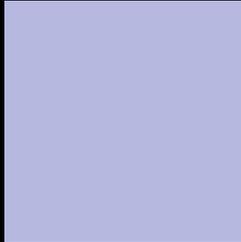
Large Text (above 18pt) WCAG AA × Fail

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 B7B8E0 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 B7B8E0 Background



This preview shows how black text looks on a background with the Hex color B7B8E0.



This preview shows how white text looks on a background with the Hex color B7B8E0.

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
B7B8E0

Protanopia
B2B9E1

Deuteranopia
BBB7E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7B8E0 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 #B7B8E0 looks like.

```
.text, #text, p{  
    color:#B7B8E0  
}
```

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 #B7B8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B8E0  
}
```

Border

The CSS property to change the border of an element to Hex B7B8E0 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  
#B7B8E0 }
```

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

```
.border{ border-color:#B7B8E0 }
```

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

Here you see how a box with a 4 pixel #B7B8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B8E0; -webkit-box-shadow:4px 4px  
4px 4px #B7B8E0; box-shadow:4px 4px 4px  
4px #B7B8E0 }
```

Background

The CSS property to change the background color of an element to Hex B7B8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B8E0 }
```

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

```
.background{ background-color:#B7B8E0 }
```

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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