

# Converting Colors

Hex(B3B7E5)

Have a look what the booklet for  
Hex(B3B7E5) contains.

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# **Color**

**Hex(B3B7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B7E5
RGB	179, 183, 229
RGB Percent	70%, 72%, 90%
CMY	0.2980, 0.2824, 0.1020
CMYK	0.22, 0.20, 0.00, 0.10
HSL	235°, 49%, 80%
HSV	235°, 22%, 90%
XYZ	49.6667, 49.1078, 80.9898
YIQ	187.0480, -17.1500, 13.4580

# Conversions

## Conversions Part 2

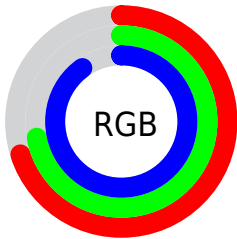
Format	Color
<a href="#">RYB</a>	<a href="#">179, 183, 229</a>
Decimal	<a href="#">11778021</a>
CIELab	<a href="#">75.52, 8.25, -23.42</a>
CIElCh	<a href="#">76, 24.833, 289.411</a>
Yxy	<a href="#">49.1078, 0.2763, 0.2732</a>
Android (android.graphics.Color)	<a href="#">4289968101</a> ( <a href="#">0xFFB3B7E5</a> )
YUV	<a href="#">187.0480, 20.6823, -7.0581</a>
Hunter-Lab	<a href="#">70.0770, 3.8764, -19.4691</a>

# Details

The Hex color **B3B7E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5E1B3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EBEFFF**, and **7D82AD** is the 20% darker color. If you saturate the color by 10%, you get **9CA2E5**, and if you desaturate by 10%, it is **CACCE5**.

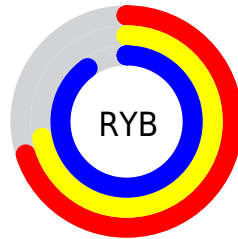
# Distribution



Red (70%)

Green (72%)

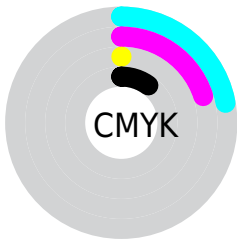
Blue (90%)



Red (70%)

Yellow (72%)

Blue (90%)

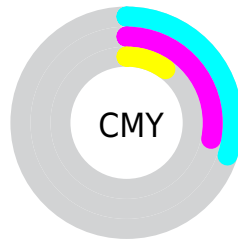


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (28%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B7E5 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 B3B7E5 by changing the saturation by 10% instead.



 B3B7E5

 B3B7E5

FFFFFF

 989CC9

 EBEFFF

 7D82AD

 646993

 4B5179

 333A60

 1B2548

 031031

 00021C

 000000

 B3B7E5

 B3B7E5

 9CA2E5

 CACCE5

 858DE5

 E1E1E5

 6E78E5

 F8F6E5

 5763E5

 FFFFE5

 404EE5

 2A39E5

 1324E5

 0012E5

# Harmonies

## Analogous

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



94BFE6



B3B7E5



D0AFD8

# Triad

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



B3B7E5



E3AF98



89C7B1

# Complementary

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



B3B7E5



E5E1B3

# 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.



A1C39C



B3B7E5



D3B68D

# Square

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



B3B7E5



E9AAAC



BCBD8F



7AC7C8

# Rectangle

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



B3B7E5



DEACCB



BCBD8F



90C6A9



# Sweetspot

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



B3B7E5



EDEFFF



B3E5E1



757680



000000



808080



# Same Dimension

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



B3B7E5



BDC2FF



C8B3E5



676873



000EB3



000433



# Inverse Universe

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



E5B3B7



FFBDC2



D0E5B3



736768



B3000E

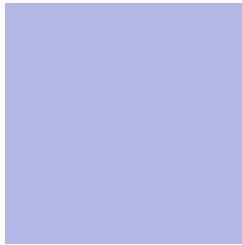


330004



# Previews

## White Background



This preview shows how the Hex color B3B7E5 looks on a white background.

## Color Contrast Check

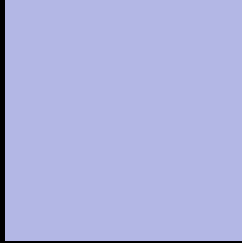
Large Text (above 18pt) WCAG AA × Fail

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 B3B7E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

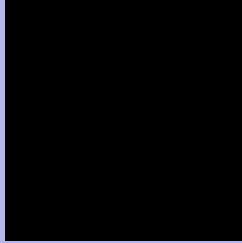
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3B7E5 Background



This preview shows how black text looks on a background with the Hex color B3B7E5.



This preview shows how white text looks on a background with the Hex color B3B7E5.

# 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**  
B3B7E5

**Protanopia**  
AFB8E6

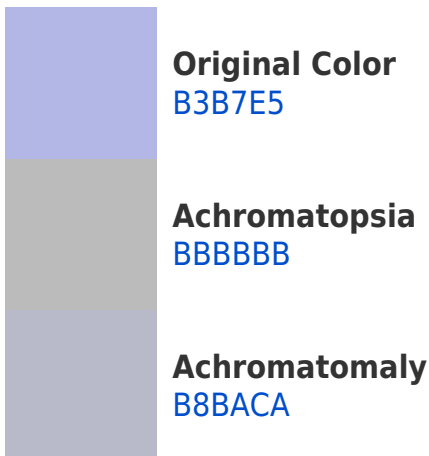
**Deuteranopia**  
B6B6E5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B7E5 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 #B3B7E5 looks like.

```
.text, #text, p{  
    color:#B3B7E5  
}
```

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 #B3B7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B7E5
}
```

## Border

The CSS property to change the border of an element to Hex B3B7E5 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
#B3B7E5 }
```

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

```
.border{ border-color:#B3B7E5 }
```

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

Here you see how a box with a 4 pixel #B3B7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B7E5; -webkit-box-shadow:4px 4px  
4px 4px #B3B7E5; box-shadow:4px 4px 4px  
4px #B3B7E5 }
```

# Background

The CSS property to change the background color of an element to Hex B3B7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B7E5 }
```

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

```
.background{ background-color:#B3B7E5 }
```

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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