

# Converting Colors

Hex(B2B5E2)

Have a look what the booklet for  
Hex(B2B5E2) contains.

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# **Color**

**Hex(B2B5E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B5E2
RGB	178, 181, 226
RGB Percent	70%, 71%, 89%
CMY	0.3020, 0.2902, 0.1137
CMYK	0.21, 0.20, 0.00, 0.11
HSL	236°, 45%, 79%
HSV	236°, 21%, 89%
XYZ	48.6114, 48.0037, 78.6551
YIQ	185.2330, -16.2330, 13.3590

# Conversions

## Conversions Part 2

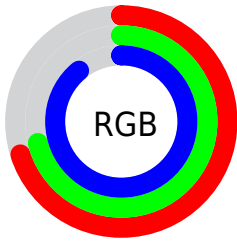
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 181, 226
Decimal	11711970
CIELab	74.83, 8.36, -22.85
CIELCh	75, 24.335, 290.089
Yxy	48.0037, 0.2774, 0.2739
Android (android.graphics.Color)	4289902050 (0xFFB2B5E2)
YUV	185.2330, 20.0981, -6.3433
Hunter-Lab	69.2847, 3.9907, -18.8093

# Details

The Hex color **B2B5E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2DFB2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EAEDFF**, and **7D80AB** is the 20% darker color. If you saturate the color by 10%, you get **9BA0E2**, and if you desaturate by 10%, it is **C9CAE2**.

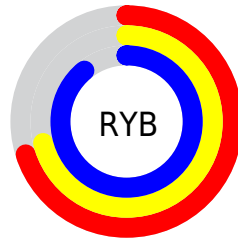
# Distribution



Red (70%)

Green (71%)

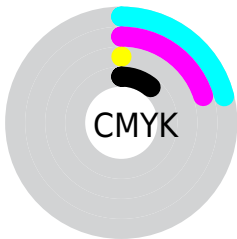
Blue (89%)



Red (70%)

Yellow (71%)

Blue (89%)

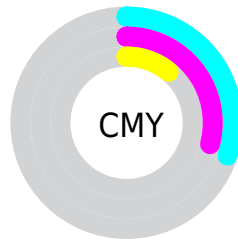


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B5E2 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 B2B5E2 by changing the saturation by 10% instead.



 B2B5E2

 B2B5E2

FFFFFF

 979AC6

 EAEDFF

 7D80AB

 636790

 4A4F76

 32385D

 1B2346

 040E2F

 00011A

 000000

 B2B5E2

 B2B5E2

 9BA0E2

 C9CAE2

 858BE2

 DFDFE2

 6E75E2

 F6F5E2

 5860E2

 FFFFE2

 414BE2

 2A36E2

 1421E2

 000EE2

# Harmonies

## Analogous

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



94BCE4



B2B5E2



CEAED5

# Triad

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



B2B5E2



E0AD97



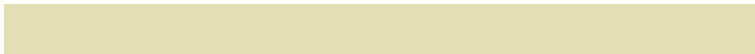
88C4B0

# Complementary

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



B2B5E2



E2DFB2

# 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.



9FC19B



B2B5E2



D0B48C

# Square

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



B2B5E2



E6A9AA



B9BB8E



79C5C7

# Rectangle

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



B2B5E2



DBAAC8



B9BB8E



8FC4A8



# Sweetspot

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



B2B5E2



F0F1FF



B2E2DF



777780



000000



808080



# Same Dimension

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



B2B5E2



BFC3FF



C7B2E2



656670



000BB0



000330



# Inverse Universe

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



E2B2B5



FFBFC3



CDE2B2



706566



B0000B

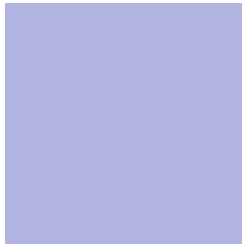


300003



# Previews

## White Background



This preview shows how the Hex color B2B5E2 looks on a white background.

## Color Contrast Check

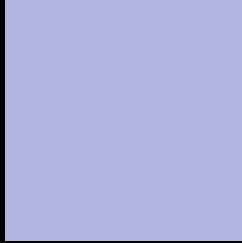
Large Text (above 18pt) WCAG AA × Fail

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 B2B5E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

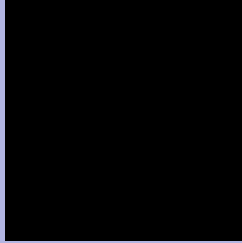
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B5E2 Background



This preview shows how black text looks on a background with the Hex color B2B5E2.



This preview shows how white text looks on a background with the Hex color B2B5E2.

# 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



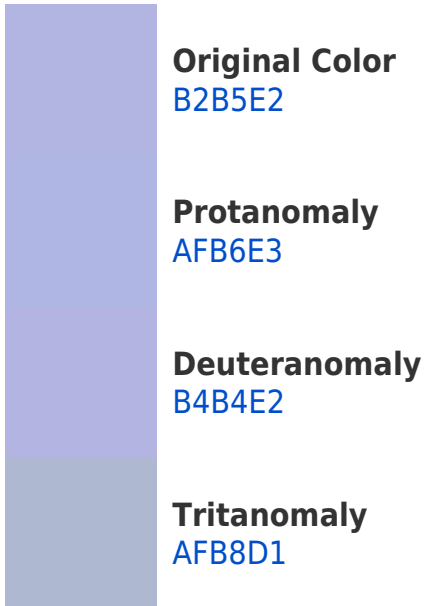
**Original Color**  
B2B5E2

**Protanopia**  
AEB6E3

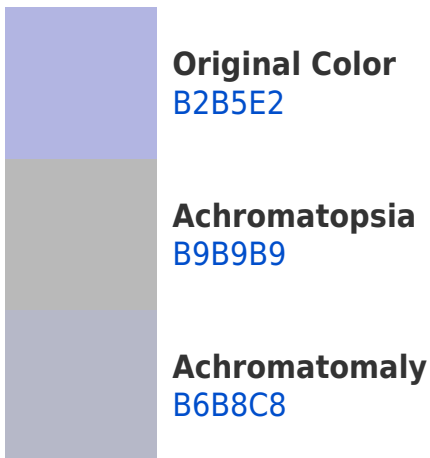
**Deuteranopia**  
B5B4E2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B5E2 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 #B2B5E2 looks like.

```
.text, #text, p{  
    color:#B2B5E2  
}
```

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 #B2B5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B5E2
}
```

## Border

The CSS property to change the border of an element to Hex B2B5E2 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
#B2B5E2 }
```

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

```
.border{ border-color:#B2B5E2 }
```

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

Here you see how a box with a 4 pixel #B2B5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B5E2; -webkit-box-shadow:4px 4px  
4px 4px #B2B5E2; box-shadow:4px 4px 4px  
4px #B2B5E2 }
```

# Background

The CSS property to change the background color of an element to Hex B2B5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B5E2 }
```

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

```
.background{ background-color:#B2B5E2 }
```

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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