

# Converting Colors

Hex(B5B2E0)

Have a look what the booklet for  
Hex(B5B2E0) contains.

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# **Color**

**Hex(B5B2E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B2E0
RGB	181, 178, 224
RGB Percent	71%, 70%, 88%
CMY	0.2902, 0.3020, 0.1216
CMYK	0.19, 0.21, 0.00, 0.12
HSL	244°, 43%, 79%
HSV	244°, 21%, 88%
XYZ	48.4310, 47.0464, 77.0493
YIQ	184.1410, -12.9780, 14.9420

# Conversions

## Conversions Part 2

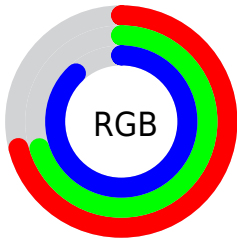
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 178, 224
Decimal	11907808
CIE Lab	74.22, 10.48, -22.67
CIE LCh	74, 24.980, 294.815
Yxy	47.0464, 0.2807, 0.2727
Android (android.graphics.Color)	4290097888 (0xFFB5B2E0)
YUV	184.1410, 19.6505, -2.7547
Hunter-Lab	68.5904, 6.0040, -18.5887

# Details

The Hex color **B5B2E0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDE0B2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EDEAFF**, and **807DA9** is the 20% darker color. If you saturate the color by 10%, you get **A09CE0**, and if you desaturate by 10%, it is **CAC8E0**.

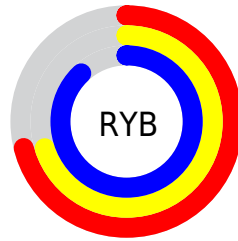
# Distribution



Red (71%)

Green (70%)

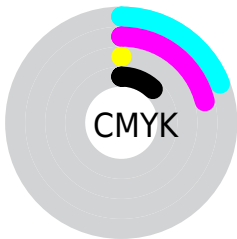
Blue (88%)



Red (71%)

Yellow (70%)

Blue (88%)

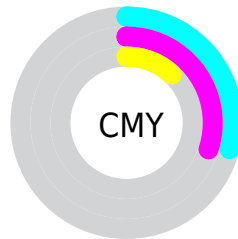


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (30%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B2E0 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 B5B2E0 by changing the saturation by 10% instead.



 B5B2E0

 B5B2E0

FFFFFF

 9A97C4

 EDEAFF

 807DA9

 66648E

 4D4D74

 35365C

 1E2144

 080A2E

 000118

 000000

 B5B2E0

 B5B2E0

 A09CE0


 CAC8E0

 8B85E0

 DFDFE0

 766FE0

 F4F5E0

 6158E0

 FFFFEO

 4C42E0

 372CE0

 2215E0

 0F00E0

# Harmonies

## Analogous

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



95BAE4



B5B2E0



D0ABD1

# Triad

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



B5B2E0



DDAC92



81C3B2

# Complementary

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



B5B2E0



DDE0B2

# 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.



99C09B



B5B2E0



CBB489

# Square

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



B5B2E0



E5A7A4



B3BB8D



75C3C9

# Rectangle

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



B5B2E0



DDA7C3



B3BB8D



89C3AA



# Sweetspot

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



B5B2E0



F1F0FF



B2DEE0



777780



000000



808080



# Same Dimension

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



B5B2E0



C3BFFF



CBB2E0



666570



0B00B0



030030



# Inverse Universe

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



E0B2DD



FFBFFB



C7E0B2



70656F



B000A4

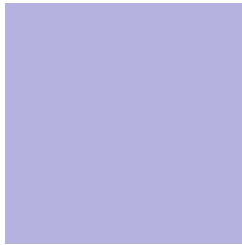


30002D



# Previews

## White Background



This preview shows how the Hex color B5B2E0 looks on a white background.

## Color Contrast Check

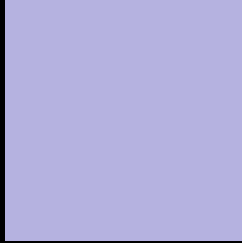
Large Text (above 18pt) WCAG AA × Fail

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 B5B2E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

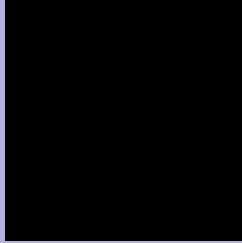
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5B2E0 Background



This preview shows how black text looks on a background with the Hex color B5B2E0.



This preview shows how white text looks on a background with the Hex color B5B2E0.

# 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**  
B5B2E0

**Protanopia**  
ACB5E2

**Deuteranopia**  
B3B3E0



**Tritanopia**  
B0B7C5

# Trichromacy



**Original Color**  
B5B2E0

**Protanomaly**  
AFB4E1

**Deuteranomaly**  
B4B3E0

**Tritanomaly**  
B2B5CF

# Monochromacy



**Original Color**  
B5B2E0

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B7B6C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B2E0 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 #B5B2E0 looks like.

```
.text, #text, p{  
    color:#B5B2E0  
}
```

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 #B5B2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B2E0
}
```

## Border

The CSS property to change the border of an element to Hex B5B2E0 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
#B5B2E0 }
```

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

```
.border{ border-color:#B5B2E0 }
```

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

Here you see how a box with a 4 pixel #B5B2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B2E0; -webkit-box-shadow:4px 4px  
4px 4px #B5B2E0; box-shadow:4px 4px 4px  
4px #B5B2E0 }
```

# Background

The CSS property to change the background color of an element to Hex B5B2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B2E0 }
```

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

```
.background{ background-color:#B5B2E0 }
```

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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