

# Converting Colors

Hex(B2B2E5)

Have a look what the booklet for  
Hex(B2B2E5) contains.

<b>Hex(B2B2E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2B2E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B2E5
RGB	178, 178, 229
RGB Percent	70%, 70%, 90%
CMY	0.3020, 0.3020, 0.1020
CMYK	0.22, 0.22, 0.00, 0.10
HSL	240°, 50%, 80%
HSV	240°, 22%, 90%
XYZ	48.4233, 46.9629, 80.6413
YIQ	183.8140, -16.3710, 15.8610

# Conversions

## Conversions Part 2

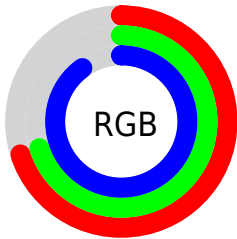
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 178, 229
Decimal	11711205
CIE <sub>Lab</sub>	74.17, 10.69, -25.49
CIE <sub>LCh</sub>	74, 27.645, 292.755
Yxy	46.9629, 0.2751, 0.2668
Android (android.graphics.Color)	4289901285 (0xFFB2B2E5)
YUV	183.8140, 22.2767, -5.0989
Hunter-Lab	68.5295, 6.2026, -21.7982

# Details

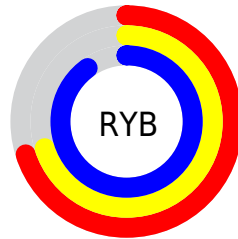
The Hex color **B2B2E5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5E5B2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EAEAFF**, and **7C7DAD** is the 20% darker color. If you saturate the color by 10%, you get **9B9BE5**, and if you desaturate by 10%, it is **C9C9E5**.

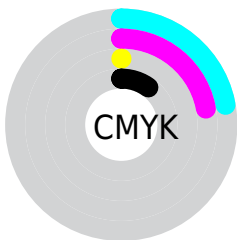
# Distribution



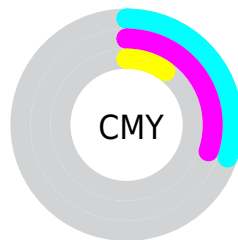
- Red (70%)
- Green (70%)
- Blue (90%)



- Red (70%)
- Yellow (70%)
- Blue (90%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (30%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B2E5 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 B2B2E5 by changing the saturation by 10% instead.



 B2B2E5

 B2B2E5

FFFFFF

 9797C9

 EAEAFF

 7C7DAD

 636593

 4A4D79

 323660

 1A2148

 020A31

 00011C

 000000

 B2B2E5

 B2B2E5

 9B9BE5

 C9C9E5

 8484E5

 E0E0E5

 6D6DE5

 F7F7E5

 5656E5

 FFFFE5

 3F3FE5

 2929E5

 1212E5

 0000E5

# Harmonies

## Analogous

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



8EBBE8



B2B2E5



D1AAD5

# Triad

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



B2B2E5



E2AA8F



7CC4AF

# Complementary

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



B2B2E5



E5E5B2

# 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.



97C197



B2B2E5



CFB384

# Square

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



B2B2E5



EAA5A4



B5BB87



6BC4C9

# Rectangle

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



B2B2E5



E0A6C6



B5BB87



85C3A6



# Sweetspot

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



B2B2E5



EDEDFF



B2E5E5



757580



000000



808080



# Same Dimension

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



B2B2E5



BABAFF



CBB2E5



676773



0000B3



000033



# Inverse Universe

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



E5B2E5



FFBAFF



CBE5B2



736773



B300B3



330033



# Previews

## White Background



This preview shows how the Hex color B2B2E5 looks on a white background.

## Color Contrast Check

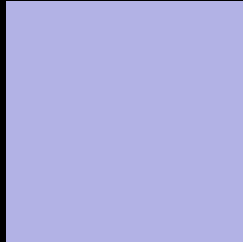
Large Text (above 18pt) WCAG AA × Fail

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 B2B2E5 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 B2B2E5 Background



This preview shows how black text looks on a background with the Hex color B2B2E5.



This preview shows how white text looks on a background with the Hex color B2B2E5.

# 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



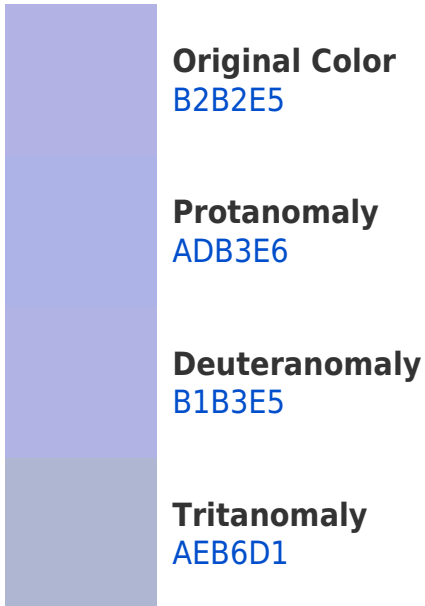
**Original Color**  
B2B2E5

**Protanopia**  
AAB4E7

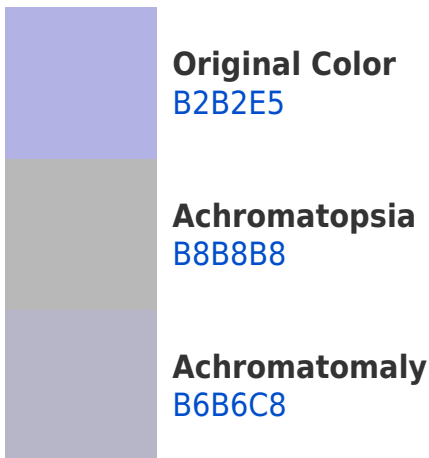
**Deuteranopia**  
B0B3E5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B2E5 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 #B2B2E5 looks like.

```
.text, #text, p{  
    color:#B2B2E5  
}
```

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 #B2B2E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B2E5
}
```

## Border

The CSS property to change the border of an element to Hex B2B2E5 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
#B2B2E5 }
```

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

```
.border{ border-color:#B2B2E5 }
```

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

Here you see how a box with a 4 pixel #B2B2E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B2E5; -webkit-box-shadow:4px 4px  
4px 4px #B2B2E5; box-shadow:4px 4px 4px  
4px #B2B2E5 }
```

# Background

The CSS property to change the background color of an element to Hex B2B2E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B2E5 }
```

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

```
.background{ background-color:#B2B2E5 }
```

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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