

Converting Colors

Hex(B1B1E1)

Have a look what the booklet for
Hex(B1B1E1) contains.

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Color

Hex(B1B1E1)

Conversions

Conversions Part 1

Format	Color
Hex	B1B1E1
RGB	177, 177, 225
RGB Percent	69%, 69%, 88%
CMY	0.3059, 0.3059, 0.1176
CMYK	0.21, 0.21, 0.00, 0.12
HSL	240°, 44%, 79%
HSV	240°, 21%, 88%
XYZ	47.4442, 46.2276, 77.6564
YIQ	182.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

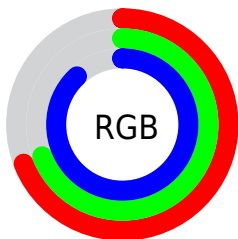
Format	Color
R _Y B	177, 177, 225
Decimal	11645409
CIE Lab	73.69, 10.02, -24.05
CIE LCh	74, 26.052, 292.623
Yxy	46.2276, 0.2769, 0.2698
Android (android.graphics.Color)	4289835489 (0xFFB1B1E1)
YUV	182.4720, 20.9663, -4.7989
Hunter-Lab	67.9909, 5.5736, -20.1250

Details

The Hex color **B1B1E1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1E1B1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E9E9FF**, and **7C7DAA** is the 20% darker color. If you saturate the color by 10%, you get **9B9BE1**, and if you desaturate by 10%, it is **C7C7E1**.

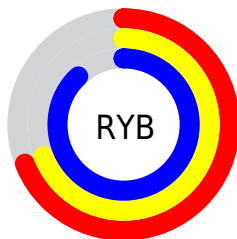
Distribution



Red (69%)

Green (69%)

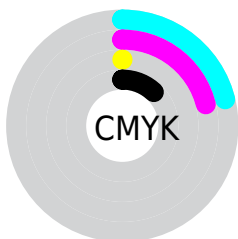
Blue (88%)



Red (69%)

Yellow (69%)

Blue (88%)

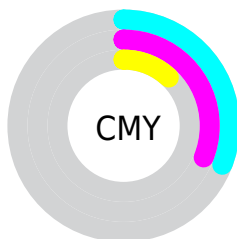


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B1E1 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 B1B1E1 by changing the saturation by 10% instead.

 B1B1E1

 B1B1E1

FFFFFF

 9696C5

 E9E9FF

 7C7DAA

 62648F

 494C75

 31355C

 1A2045

 03092E

 000119

 000000

 B1B1E1

 B1B1E1

 9B9BE1

 C7C7E1

 8484E1

 DEDEE1

 6E6EE1

 F4F4E1

 5757E1

 FFFFE1

 4040E1

 2A2AE1

 1313E1

 0000E1

Harmonies

Analogous

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



90B9E4



B1B1E1



CEA9D2

Triad

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



B1B1E1



DEAA90



7FC2AE

Complementary

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



B1B1E1



E1E1B1

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.



98BF97



B1B1E1



CCB186

Square

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



B1B1E1



E6A5A4



B4B989



70C2C7

Rectangle

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



B1B1E1



DCA5C4



B4B989



87C1A6

Sweetspot

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



B1B1E1



F0F0FF



B1E1E1



777780



000000



808080

Same Dimension

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



B1B1E1



BDBDFF



C9B1E1



656570



0000B0



000030

Inverse Universe

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



E1B1E1



FFBDFD



C9E1B1



706570



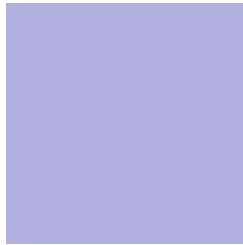
B000B0



300030

Previews

White Background



This preview shows how the Hex color B1B1E1 looks on a white background.

Color Contrast Check

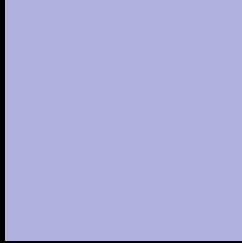
Large Text (above 18pt) WCAG AA × Fail

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 B1B1E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

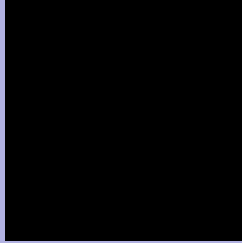
Any Text WCAG AA ✓ Pass

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 B1B1E1 Background



This preview shows how black text looks on a background with the Hex color B1B1E1.



This preview shows how white text looks on a background with the Hex color B1B1E1.

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
B1B1E1

Protanopia
A9B3E2

Deuteranopia
B0B1E1

Trichromacy



Original Color
B1B1E1

Protanomaly
ACB2E2

Deuteranomaly
B0B1E1

Tritanomaly
AEB4CF

Monochromacy



Original Color
B1B1E1

Achromatopsia
B6B6B6

Achromatomaly
B4B4C6

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B1E1 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 #B1B1E1 looks like.

```
.text, #text, p{  
    color:#B1B1E1  
}
```

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 #B1B1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B1E1
}
```

Border

The CSS property to change the border of an element to Hex B1B1E1 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
#B1B1E1 }
```

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

```
.border{ border-color:#B1B1E1 }
```

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

Here you see how a box with a 4 pixel #B1B1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B1E1; -webkit-box-shadow:4px 4px  
4px 4px #B1B1E1; box-shadow:4px 4px 4px  
4px #B1B1E1 }
```

Background

The CSS property to change the background color of an element to Hex B1B1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B1E1 }
```

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

```
.background{ background-color:#B1B1E1 }
```

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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