

Converting Colors

Hex(B1B23B)

Have a look what the booklet for
Hex(B1B23B) contains.

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Color

Hex(B1B23B)

Conversions

Conversions Part 1

Format	Color
Hex	B1B23B
RGB	177, 178, 59
RGB Percent	69%, 70%, 23%
CMY	0.3059, 0.3020, 0.7686
CMYK	0.01, 0.00, 0.67, 0.30
HSL	61°, 50%, 46%
HSV	61°, 67%, 70%
XYZ	34.8413, 41.5037, 10.3124
YIQ	164.1350, 37.6030, -37.2210

Conversions

Conversions Part 2

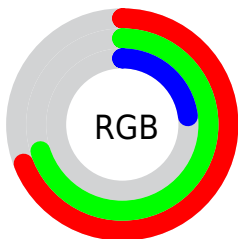
Format	Color
RYB	59, 178, 60
Decimal	11645499
CIELab	70.53, -15.12, 58.02
CIELCh	71, 59.958, 104.609
Yxy	41.5037, 0.4021, 0.4789
Android (android.graphics.Color)	4289835579 (0xFFB1B23B)
YUV	164.1350, -51.8316, 11.2826
Hunter-Lab	64.4233, -16.2049, 35.6057

Details

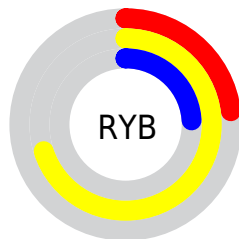
The Hex color **B1B23B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3C3BB2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EBEA71**, and **797E00** is the 20% darker color. If you saturate the color by 10%, you get **B1B229**, and if you desaturate by 10%, it is **B1B24D**.

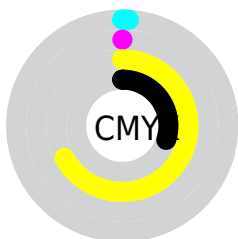
Distribution



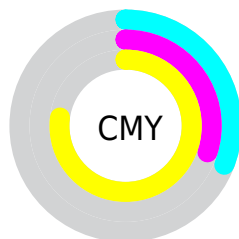
- Red (69%)
- Green (70%)
- Blue (23%)



- Red (23%)
- Yellow (70%)
- Blue (24%)



- Cyan (1%)
- Magenta (0%)
- Yellow (67%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B23B 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 B1B23B by changing the saturation by 10% instead.

 B1B23B

 B1B23B

FFFFFF

 95971E

 EBEA71

 797E00

 FFFF8C

 5E6500


 FFFFA8

 444D00

 FFFF8C

 2A3600

 FFFF8C

 112100

FFFFFFE

 000400

 000000

 B1B23B

 B1B23B

 B1B229

 B1B24D

 B1B217

 B1B25F

 B1B206

 B1B270

 B1B200

 B2B282

 B2B294

 B2B2A6

 B2B2B8

 B2B2C9

 B2B2DB

Harmonies

Analogous

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



E2A03F



B1B23B



73BF5B

Triad

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



B1B23B



00C4F8



FF80CB

Complementary

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



B1B23B



3C3BB2

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.



D293FB



B1B23B



00BAFF

Square

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



B1B23B



00C7C6



7BA9FF



FF7C94

Rectangle

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



B1B23B



33C47C



7BA9FF



F685DC

Sweetspot

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



B1B23B



E8E8BA



B23B3B



757559



F5F5F5



757575

Same Dimension

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



B1B23B



E6E82E



76B23B



595950



989900



191A00

Inverse Universe

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



3C3BB2



302EE8



763BB2



505059



010099



00001A

Previews

White Background



This preview shows how the Hex color B1B23B looks on a white background.

Color Contrast Check

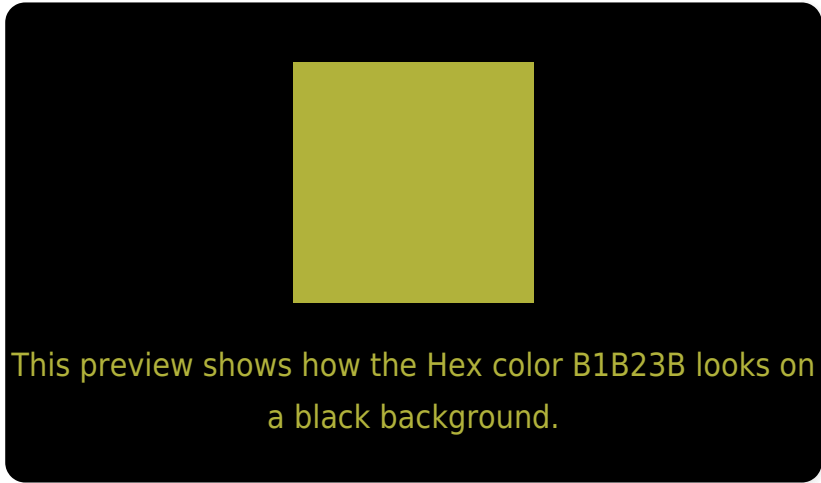
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B1B23B Background



This preview shows how black text looks on a background with the Hex color B1B23B.



This preview shows how white text looks on a background with the Hex color B1B23B.

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
B1B23B

Protanopia
C1AD3A

Deuteranopia
D7A440

Trichromacy



Original Color
B1B23B

Protanomaly
BBAF3A

Deuteranomaly
C9A93E

Tritanomaly
B8AA87

Monochromacy



Original Color
B1B23B

Achromatopsia
A4A4A4

Achromatomaly
A9A97E

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B23B 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 #B1B23B looks like.

```
.text, #text, p{  
    color:#B1B23B  
}
```

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 #B1B23B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B23B
}
```

Border

The CSS property to change the border of an element to Hex B1B23B 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
#B1B23B }
```

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

```
.border{ border-color:#B1B23B }
```

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

Here you see how a box with a 4 pixel #B1B23B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B23B; -webkit-box-shadow:4px 4px  
4px 4px #B1B23B; box-shadow:4px 4px 4px  
4px #B1B23B }
```

Background

The CSS property to change the background color of an element to Hex B1B23B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B23B }
```

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

```
.background{ background-color:#B1B23B }
```

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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