

Converting Colors

Hex(B1C22B)

Have a look what the booklet for
Hex(B1C22B) contains.

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Color

Hex(B1C22B)

Conversions

Conversions Part 1

Format	Color
Hex	B1C22B
RGB	177, 194, 43
RGB Percent	69%, 76%, 17%
CMY	0.3059, 0.2392, 0.8314
CMYK	0.09, 0.00, 0.78, 0.24
HSL	67°, 64%, 46%
HSV	67°, 78%, 76%
XYZ	37.8593, 48.1051, 9.5753
YIQ	171.7030, 38.3390, -50.5650

Conversions

Conversions Part 2

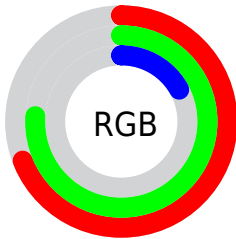
Format	Color
R _Y B	43, 194, 60
Decimal	11649579
CIE Lab	74.89, -23.89, 67.77
CIE LCh	75, 71.855, 109.415
Yxy	48.1051, 0.3963, 0.5035
Android (android.graphics.Color)	4289839659 (0xFFB1C22B)
YUV	171.7030, -63.4506, 4.6455
Hunter-Lab	69.3578, -23.9412, 40.3651

Details

The Hex color **B1C22B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3C2BC2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ECFA66**, and **788D00** is the 20% darker color. If you saturate the color by 10%, you get **AFC218**, and if you desaturate by 10%, it is **B3C23E**.

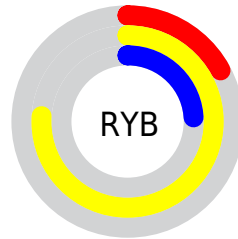
Distribution



Red (69%)

Green (76%)

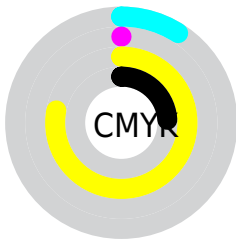
Blue (17%)



Red (17%)

Yellow (76%)

Blue (24%)

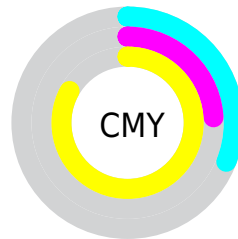


Cyan (9%)

Magenta (0%)

Yellow (78%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C22B 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 B1C22B by changing the saturation by 10% instead.

 B1C22B

 B1C22B

FFFFFF

 94A700

 ECFA66

 788D00

 FFFF82

 5D7300

 FFFF9E

 425A00

 FFFFBA

 264300

 FFFFD7

 0A2D00

 FFFFF4

 001A00

 000000

 B1C22B

 B1C22B

 AFC218

 B3C23E

 ADC204

 B5C252

 ACC200

 B8C265

 BAC279

 BCC28C

 BEC29F

 C0C2B3

 C2C2C6

 C5C2DA

Harmonies

Analogous

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



EEAD29



B1C22B



5FD05D

Triad

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



B1C22B



00D3FF



FF7CD3

Complementary

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



B1C22B



3C2BC2

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.



F194FF



B1C22B



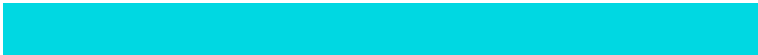
00C7FF

Square

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



B1C22B



00D8E2



8CB1FF



FF7C90

Rectangle

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



B1C22B



00D587



8CB1FF



FF82E8

Sweetspot

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



B1C22B



F6FCC2



C23A2B



7B805C



000000



808080

Same Dimension

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



B1C22B



E2FC12



67C22B



606157



8FA100



1D2100

Inverse Universe

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



3C2BC2



2C12FC



862BC2



585761



1200A1



040021

Previews

White Background



This preview shows how the Hex color B1C22B looks on a white background.

Color Contrast Check

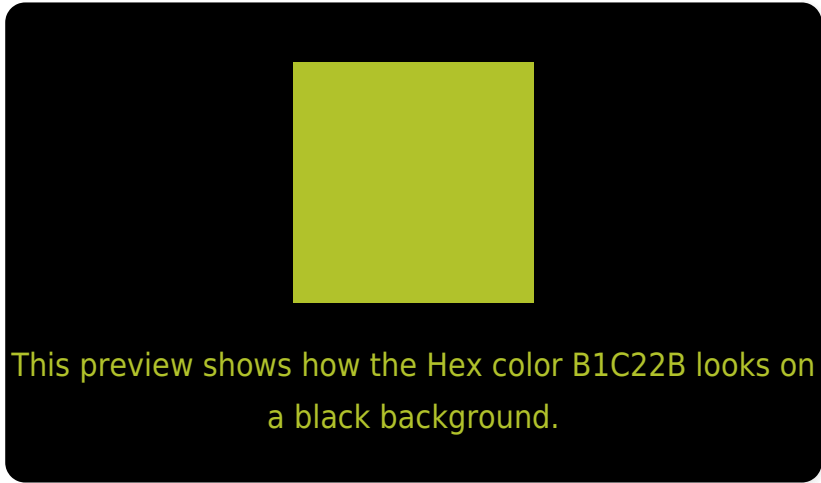
Large Text (above 18pt) WCAG AA × Fail

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 B1C22B Background



This preview shows how black text looks on a background with the Hex color B1C22B.

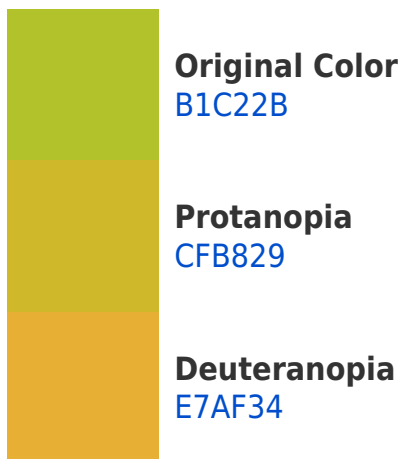


This preview shows how white text looks on a background with the Hex color B1C22B.

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](#).

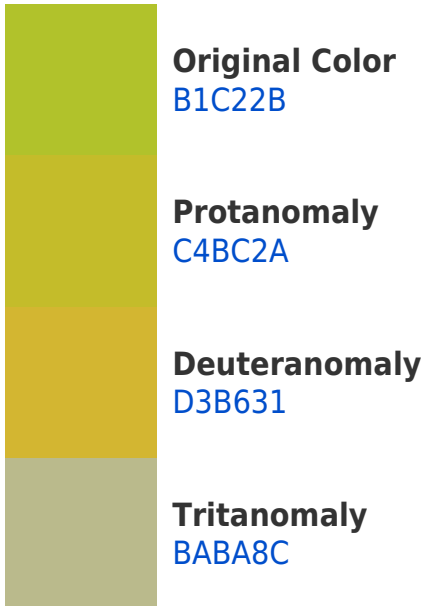
Dichromacy





Tritanopia
BFB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C22B 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 #B1C22B looks like.

```
.text, #text, p{  
    color:#B1C22B  
}
```

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 #B1C22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C22B
}
```

Border

The CSS property to change the border of an element to Hex B1C22B 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
#B1C22B }
```

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

```
.border{ border-color:#B1C22B }
```

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

Here you see how a box with a 4 pixel #B1C22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C22B; -webkit-box-shadow:4px 4px  
4px 4px #B1C22B; box-shadow:4px 4px 4px  
4px #B1C22B }
```

Background

The CSS property to change the background color of an element to Hex B1C22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C22B }
```

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

```
.background{ background-color:#B1C22B }
```

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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