

Converting Colors

Hex(B2B234)

Have a look what the booklet for
Hex(B2B234) contains.

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Color

Hex(B2B234)

Conversions

Conversions Part 1

Format	Color
Hex	B2B234
RGB	178, 178, 52
RGB Percent	70%, 70%, 20%
CMY	0.3020, 0.3020, 0.7961
CMYK	0.00, 0.00, 0.71, 0.30
HSL	60°, 55%, 45%
HSV	60°, 71%, 70%
XYZ	34.9003, 41.5537, 9.4300
YIQ	163.6360, 40.4460, -39.1860

Conversions

Conversions Part 2

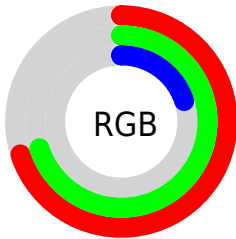
Format	Color
RYB	52, 178, 52
Decimal	11711028
CIELab	70.56, -15.07, 60.76
CIELCh	71, 62.599, 103.931
Yxy	41.5537, 0.4064, 0.4838
Android (android.graphics.Color)	4289901108 (0xFFB2B234)
YUV	163.6360, -55.0365, 12.5972
Hunter-Lab	64.4622, -16.1675, 36.4501

Details

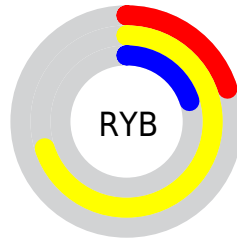
The Hex color **B2B234** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3434B2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ECE96B**, and **7A7E00** is the 20% darker color. If you saturate the color by 10%, you get **B2B222**, and if you desaturate by 10%, it is **B2B246**.

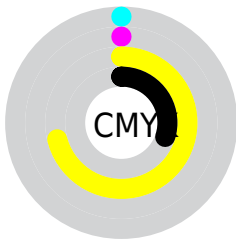
Distribution



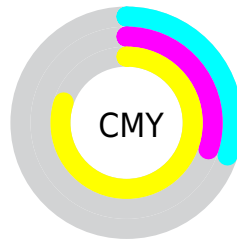
- Red (70%)
- Green (70%)
- Blue (20%)



- Red (20%)
- Yellow (70%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2B234 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 B2B234 by changing the saturation by 10% instead.

 B2B234

 B2B234

FFFFFF

 969713

 ECE96B

 7A7E00

 FFFF86

 5F6500

 FFFFA2

 444D00

 FFFFBE

 2A3600

 FFFFDB

 112100

 FFFFF8

 000400

 000000

 B2B234

 B2B234

 B2B222

 B2B246

 B2B210

 B2B258

 B2B200

 B2B269

 B2B27B

 B2B28D

 B2B29F

 B2B2B1

 B2B2C2

 B2B2D4

Harmonies

Analogous

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



E59F3A



B2B234



72BF56

Triad

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



B2B234



00C5FA



FF7DCE

Complementary

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



B2B234



3434B2

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.



D292FF



B2B234



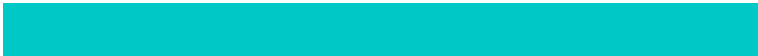
00BBFF

Square

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



B2B234



00C8C6



74AAFF



FF7994

Rectangle

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



B2B234



2AC578



74AAFF



F883E0

Sweetspot

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



B2B234



E8E8B7



B23434



757558



F5F5F5



757575

Same Dimension

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



B2B234



E8E823



73B234



595950



999900



1A1A00

Inverse Universe

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



3434B2



2323E8



7334B2



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B2B234 looks on a white background.

Color Contrast Check

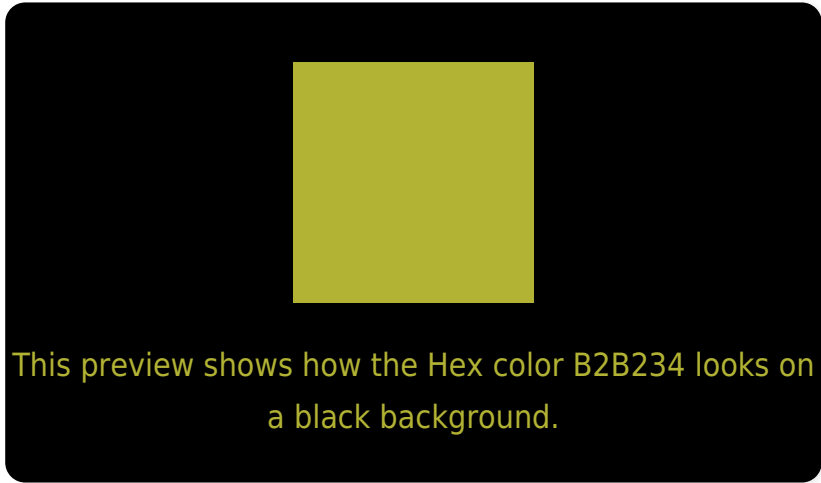
Large Text (above 18pt) WCAG AA × Fail

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 B2B234 Background



This preview shows how black text looks on a background with the Hex color B2B234.

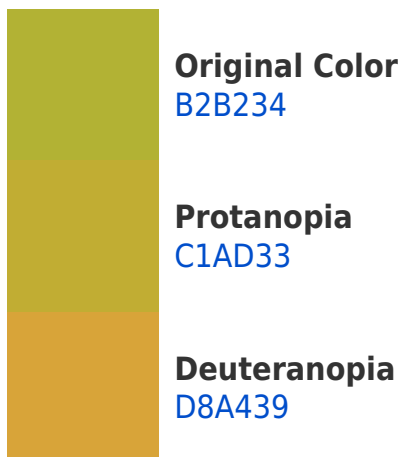


This preview shows how white text looks on a background with the Hex color B2B234.

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



Trichromacy



Original Color
B2B234

Protanomaly
BCAF33

Deuteranomaly
CAA937

Tritanomaly
B9AA85

Monochromacy



Original Color
B2B234

Achromatopsia
A4A4A4

Achromatomaly
A9A97B

CSS Examples

Text

The CSS property to change the color of the text to Hex B2B234 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 #B2B234 looks like.

```
.text, #text, p{  
    color:#B2B234  
}
```

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 #B2B234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B234
}
```

Border

The CSS property to change the border of an element to Hex B2B234 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
#B2B234 }
```

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

```
.border{ border-color:#B2B234 }
```

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

Here you see how a box with a 4 pixel #B2B234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B234; -webkit-box-shadow:4px 4px  
4px 4px #B2B234; box-shadow:4px 4px 4px  
4px #B2B234 }
```

Background

The CSS property to change the background color of an element to Hex B2B234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B234 }
```

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

```
.background{ background-color:#B2B234 }
```

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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