

Converting Colors

Hex(B2BB31)

Have a look what the booklet for
Hex(B2BB31) contains.

Hex(B2BB31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2BB31)

Conversions

Conversions Part 1

Format	Color
Hex	B2BB31
RGB	178, 187, 49
RGB Percent	70%, 73%, 19%
CMY	0.3020, 0.2667, 0.8078
CMYK	0.05, 0.00, 0.74, 0.27
HSL	64°, 58%, 46%
HSV	64°, 74%, 73%
XYZ	36.6848, 45.2274, 9.7020
YIQ	168.5770, 38.9340, -44.8260

Conversions

Conversions Part 2

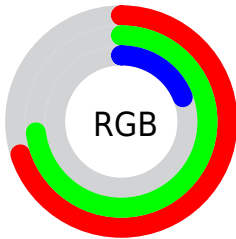
Format	Color
R _Y B	49, 187, 58
Decimal	11713329
CIE Lab	73.04, -19.76, 64.19
CIE LCh	73, 67.161, 107.107
Yxy	45.2274, 0.4004, 0.4937
Android (android.graphics.Color)	4289903409 (0xFFB2BB31)
YUV	168.5770, -58.9515, 8.2640
Hunter-Lab	67.2513, -20.3201, 38.5225

Details

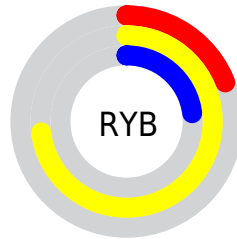
The Hex color **B2BB31** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3A31BB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EDF369**, and **7A8600** is the 20% darker color. If you saturate the color by 10%, you get **B1BB1E**, and if you desaturate by 10%, it is **B3BB44**.

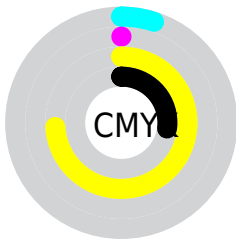
Distribution



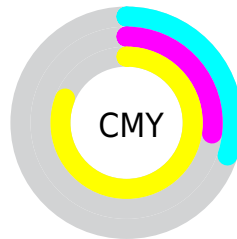
- Red (70%)
- Green (73%)
- Blue (19%)



- Red (19%)
- Yellow (73%)
- Blue (23%)



- Cyan (5%)
- Magenta (0%)
- Yellow (74%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2BB31 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 B2BB31 by changing the saturation by 10% instead.

 B2BB31

 B2BB31

FFFFFF

 96A00B

 EDF369

 7A8600

 FFFF85

 5E6D00

 FFFFA1

 445500

 FFFFBD

 293D00

 FFFFDA

 0F2800

 FFFFF7

 001300

 000000

 B2BB31

 B2BB31

 B1BB1E

 B3BB44

 B0BB0C

 B4BB56

 AFBB00

 B6BB69

 B7BB7C

 B8BB8E

 B9BBA1

 BBBB4

 BCBBC7

 BDBBD9

Harmonies

Analogous

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



EAA733



B2BB31



6AC85B

Triad

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



B2BB31



00CDFE



FF7ED1

Complementary

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



B2BB31



3A31BB

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.



E394FF



B2BB31



00C2FF

Square

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



B2BB31



00D1D6



82AEFF



FF7B93

Rectangle

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



B2BB31



00CE81



82AEFF



FF84E4

Sweetspot

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



B2BB31



EFF2BD



BB3831



787A5B



FAFAFA



7A7A7A

Same Dimension

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



B2BB31



E4F21B



6FBB31



5E5E55



949E00



1D1F00

Inverse Universe

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



3A31BB



291BF2



7D31BB



56555E



0A009E



02001F

Previews

White Background



This preview shows how the Hex color B2BB31 looks on a white background.

Color Contrast Check

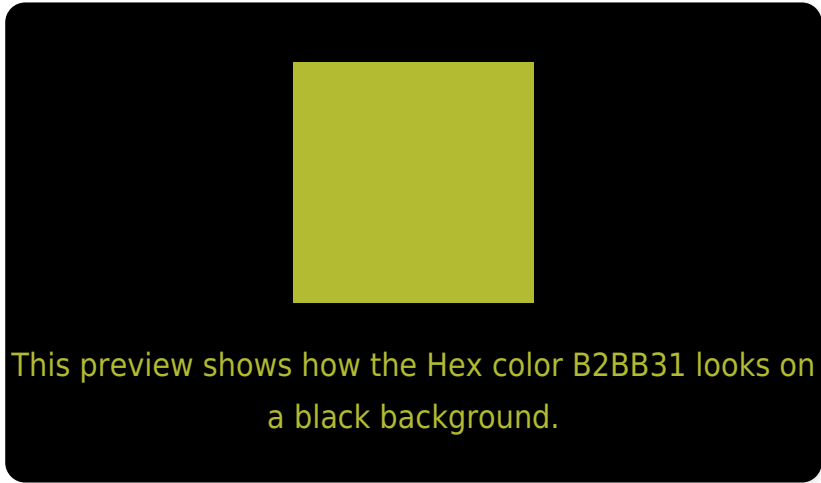
Large Text (above 18pt) WCAG AA × Fail

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 B2BB31 Background



This preview shows how black text looks on a background with the Hex color B2BB31.

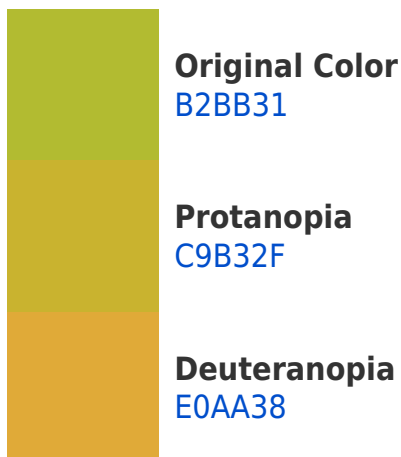


This preview shows how white text looks on a background with the Hex color B2BB31.

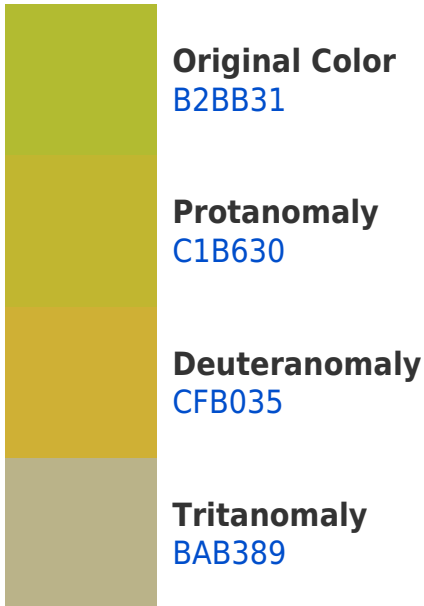
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2BB31 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 #B2BB31 looks like.

```
.text, #text, p{  
    color:#B2BB31  
}
```

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 #B2BB31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BB31
}
```

Border

The CSS property to change the border of an element to Hex B2BB31 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
#B2BB31 }
```

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

```
.border{ border-color:#B2BB31 }
```

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

Here you see how a box with a 4 pixel #B2BB31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BB31; -webkit-box-shadow:4px 4px  
4px 4px #B2BB31; box-shadow:4px 4px 4px  
4px #B2BB31 }
```

Background

The CSS property to change the background color of an element to Hex B2BB31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BB31 }
```

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

```
.background{ background-color:#B2BB31 }
```

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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