

Converting Colors

Hex(B0B206)

Have a look what the booklet for
Hex(B0B206) contains.

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Color

Hex(B0B206)

Conversions

Conversions Part 1

Format	Color
Hex	B0B206
RGB	176, 178, 6
RGB Percent	69%, 70%, 2%
CMY	0.3098, 0.3020, 0.9765
CMYK	0.01, 0.00, 0.97, 0.30
HSL	61°, 93%, 36%
HSV	61°, 97%, 70%
XYZ	33.8578, 41.0840, 6.3178
YIQ	157.7940, 54.0200, -53.9160

Conversions

Conversions Part 2

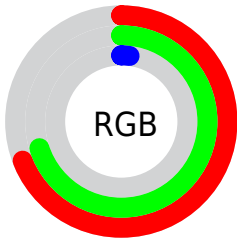
Format	Color
RYB	6, 178, 8
Decimal	11579910
CIELab	70.23, -17.26, 71.25
CIELCh	70, 73.313, 103.618
Yxy	41.0840, 0.4167, 0.5056
Android (android.graphics.Color)	4289769990 (0xFFB0B206)
YUV	157.7940, -74.8344, 15.9667
Hunter-Lab	64.0968, -17.8807, 39.0238

Details

The Hex color **B0B206** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0806B2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EBE950**, and **777E00** is the 20% darker color. If you saturate the color by 10%, you get **B0B200**, and if you desaturate by 10%, it is **B0B218**.

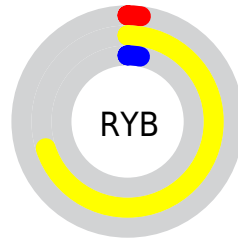
Distribution



Red (69%)

Green (70%)

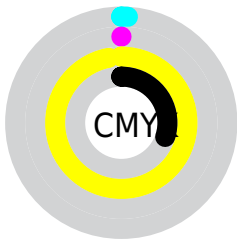
Blue (2%)



Red (2%)

Yellow (70%)

Blue (3%)

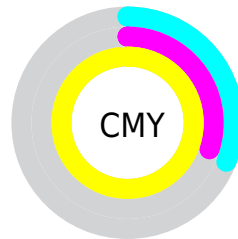


Cyan (1%)

Magenta (0%)

Yellow (97%)

Black (30%)



Cyan (31%)

Magenta (30%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B206 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 B0B206 by changing the saturation by 10% instead.

 B0B206

 B0B206

FFFFFF

 939700

 EBE950

 777E00

 FFFF6D

 5C6500

 FFFF89

 404D00

 FFFFA5

 263600

 FFFFC2

 0B2100

 FFFFDF

 000200

 FFFFFD

 000000

 B0B206

 B0B206

 B0B200

 B0B218

 B0B22A

 B1B23B

 B1B24D

 B1B25F

 B1B271

 B1B283

 B2B294

 B2B2A6

Harmonies

Analogous

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



EA9B1B



B0B206



63C143

Triad

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



B0B206



00C8FF



FF70D3

Complementary

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



B0B206



0806B2

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.



D58CFF



B0B206



00BDFF

Square

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



B0B206



00CBC9



58A9FF



FF6A90

Rectangle

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



B0B206



00C76D



58A9FF



FF78E8

Sweetspot

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



B0B206



E7E8A5



B20606



75754C



F5F5F5



757575

Same Dimension

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



B0B206



E5E800



5CB206



595950



979900



191A00

Inverse Universe

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



0806B2



0300E8



5C06B2



505059



020099



00001A

Previews

White Background



This preview shows how the Hex color B0B206 looks on a white background.

Color Contrast Check

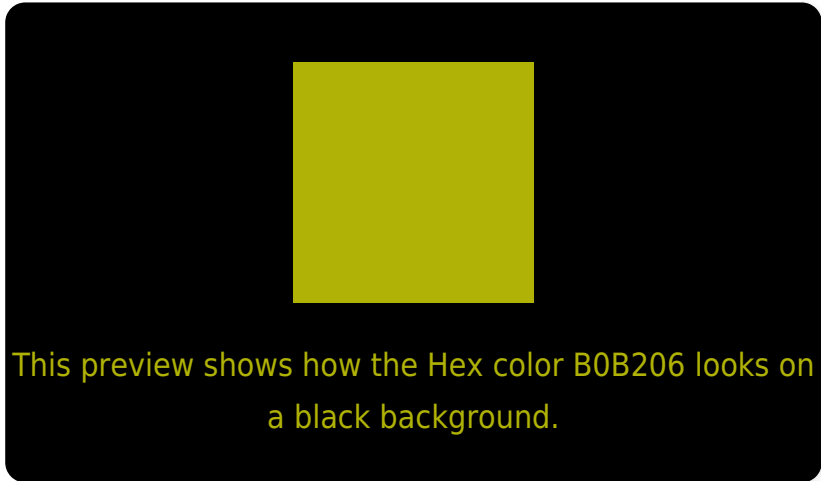
Large Text (above 18pt) WCAG AA × Fail

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 B0B206 Background



This preview shows how black text looks on a background with the Hex color B0B206.



This preview shows how white text looks on a background with the Hex color B0B206.

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

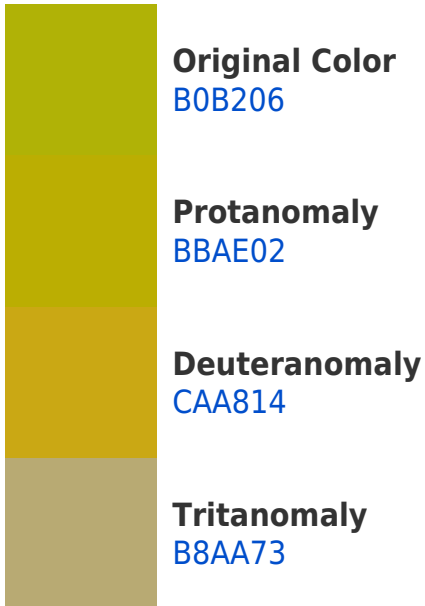


Original Color
B0B206

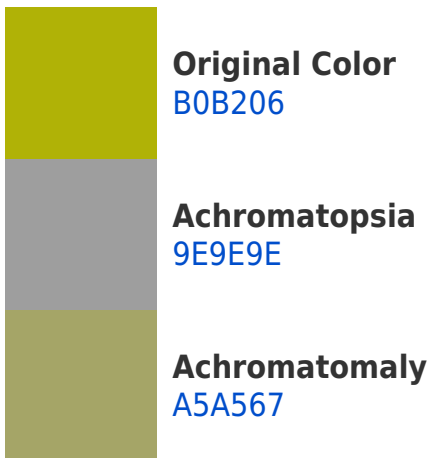
Protanopia
C2AC00

Deuteranopia
D9A31C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B206 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 #B0B206 looks like.

```
.text, #text, p{  
    color:#B0B206  
}
```

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 #B0B206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B206
}
```

Border

The CSS property to change the border of an element to Hex B0B206 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
#B0B206 }
```

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

```
.border{ border-color:#B0B206 }
```

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

Here you see how a box with a 4 pixel #B0B206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B206; -webkit-box-shadow:4px 4px  
4px 4px #B0B206; box-shadow:4px 4px 4px  
4px #B0B206 }
```

Background

The CSS property to change the background color of an element to Hex B0B206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B206 }
```

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

```
.background{ background-color:#B0B206 }
```

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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