

# Converting Colors

Hex(B3B911)

Have a look what the booklet for  
Hex(B3B911) contains.

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**Color**

**Hex(B3B911)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B911
RGB	179, 185, 17
RGB Percent	70%, 73%, 7%
CMY	0.2980, 0.2745, 0.9333
CMYK	0.03, 0.00, 0.91, 0.27
HSL	62°, 83%, 40%
HSV	62°, 91%, 73%
XYZ	36.0405, 44.3221, 7.1858
YIQ	164.0540, 50.3520, -53.5200

# Conversions

## Conversions Part 2

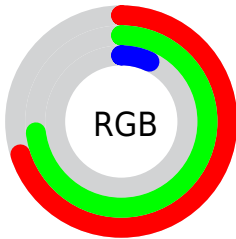
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 185, 23
Decimal	11778321
CIELab	72.44, -19.32, 71.67
CIELCh	72, 74.224, 105.089
Yxy	44.3221, 0.4117, 0.5063
Android (android.graphics.Color)	4289968401 (0xFFB3B911)
YUV	164.0540, -72.4976, 13.1076
Hunter-Lab	66.5748, -19.8743, 40.2029

# Details

The Hex color **B3B911** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1711B9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EEF156**, and **7A8400** is the 20% darker color. If you saturate the color by 10%, you get **B2B900**, and if you desaturate by 10%, it is **B4B923**.

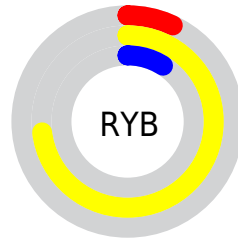
# Distribution



Red (70%)

Green (73%)

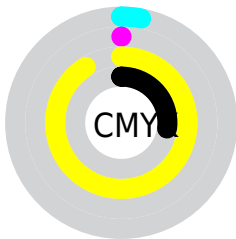
Blue (7%)



Red (7%)

Yellow (73%)

Blue (9%)

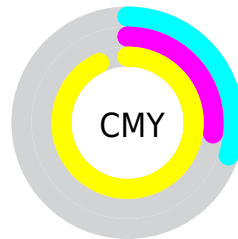


Cyan (3%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B911 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 B3B911 by changing the saturation by 10% instead.



 B3B911

 B3B911

FFFFFF

 969E00

 EE156

 7A8400

 FFFF72

 5E6B00

 FFFF8E

 435300

 FFFFAB

 283C00

 FFFFC7

 0E2600

 FFFF8E5

 001000

 000000

 B3B911

 B3B911

 B2B900

 B4B923

 B4B936

 B5B948

 B6B95B

 B6B96E

 B7B980

 B8B993

 B8B9A5

 B9B9B7

# Harmonies

## Analogous

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



EFA21D



B3B911



63C84A

# Triad

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



B3B911



00CEFF



FF74D6

# Complementary

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



B3B911



1711B9

# 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.



E090FF



B3B911



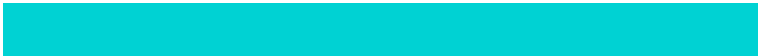
00C3FF

# Square

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



B3B911



00D2D3



68AEFF



FF6F92

# Rectangle

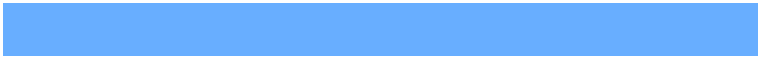
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3B911



00CD75



68AEFF



FF7CEC



# Sweetspot

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



B3B911



EDF0AF



B91711



767851



F7F7F7



787878



# Same Dimension

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



B3B911



E7F000



5FB911



5B5C53



969C00



1B1C00



# Inverse Universe

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



1711B9



0900F0



6B11B9



53535C



06009C



01001C



# Previews

## White Background



This preview shows how the Hex color B3B911 looks on a white background.

## Color Contrast Check

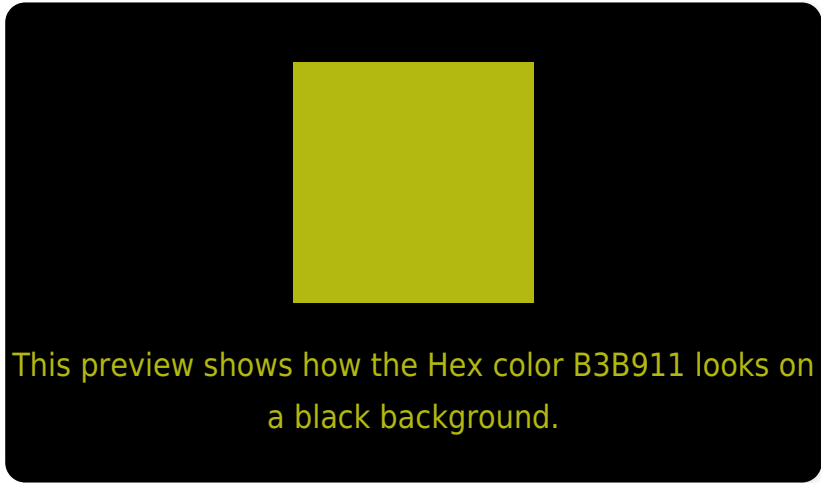
Large Text (above 18pt) WCAG AA × Fail

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 B3B911 Background



This preview shows how black text looks on a background with the Hex color B3B911.



This preview shows how white text looks on a background with the Hex color B3B911.

# 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**  
B3B911

**Protanopia**  
C8B20E

**Deuteranopia**  
E0A821



# Trichromacy



**Original Color**  
B3B911

**Protanomaly**  
C0B50F

**Deuteranomaly**  
D0AE1B

**Tritanomaly**  
BBB17C

# Monochromacy



**Original Color**  
B3B911

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A9AC6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B911 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 #B3B911 looks like.

```
.text, #text, p{  
    color:#B3B911  
}
```

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 #B3B911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B911
}
```

## Border

The CSS property to change the border of an element to Hex B3B911 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
#B3B911 }
```

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

```
.border{ border-color:#B3B911 }
```

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

Here you see how a box with a 4 pixel #B3B911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B911; -webkit-box-shadow:4px 4px  
4px 4px #B3B911; box-shadow:4px 4px 4px  
4px #B3B911 }
```

# Background

The CSS property to change the background color of an element to Hex B3B911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B911 }
```

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

```
.background{ background-color:#B3B911 }
```

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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