

# Converting Colors

Hex(B5B002)

Have a look what the booklet for  
Hex(B5B002) contains.

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**Color**

**Hex(B5B002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B002
RGB	181, 176, 2
RGB Percent	71%, 69%, 1%
CMY	0.2902, 0.3098, 0.9922
CMYK	0.00, 0.03, 0.99, 0.29
HSL	58°, 98%, 36%
HSV	58°, 99%, 71%
XYZ	34.5923, 40.8788, 6.1246
YIQ	157.6590, 58.8340, -53.0540

# Conversions

## Conversions Part 2

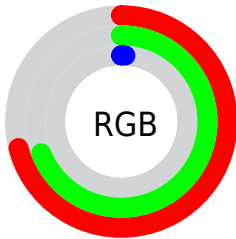
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 181, 2</a>
Decimal	<a href="#">11907074</a>
CIELab	<a href="#">70.09, -14.10, 71.80</a>
CIELCh	<a href="#">70, 73.172, 101.107</a>
Yxy	<a href="#">40.8788, 0.4239, 0.5010</a>
Android (android.graphics.Color)	<a href="#">4290097154</a> ( <a href="#">0xFFB5B002</a> )
YUV	<a href="#">157.6590, -76.7399, 20.4701</a>
Hunter-Lab	<a href="#">63.9365, -15.3130, 39.0761</a>

# Details

The Hex color **B5B002** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0207B5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F1E74F**, and **7C7C00** is the 20% darker color. If you saturate the color by 10%, you get **B5B000**, and if you desaturate by 10%, it is **B5B114**.

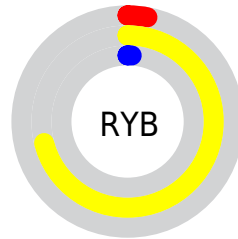
# Distribution



Red (71%)

Green (69%)

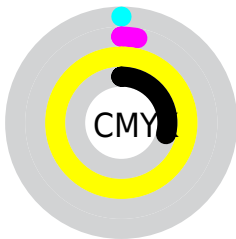
Blue (1%)



Red (3%)

Yellow (71%)

Blue (1%)

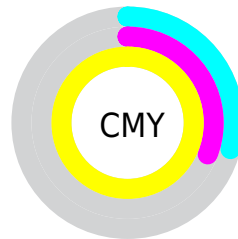


Cyan (0%)

Magenta (3%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B002 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 B5B002 by changing the saturation by 10% instead.



 B5B002

 B5B002

FFFFFF

 989600

 F1E74F

 7C7C00

 FFFF6B

 606300


 FFFF88

 444C00

 FFFFA4

 2A3500

 FFFFC1

 112000

 FFFFDE

 000100

 FFFFFB

 000000

 B5B002

 B5B002

 B5B000

 B5B114

 B5B126

 B5B238

 B5B24A

 B5B35D

 B5B36F

 B5B481

 B5B493

 B5B5A5

# Harmonies

## Analogous

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



EE9920



B5B002



6BBF3E

# Triad

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



B5B002



00C8FF



FF72D8

# Complementary

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



B5B002



0207B5

# 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.



CE8EFF



B5B002



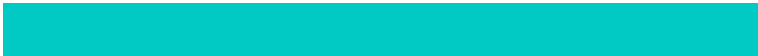
00BEFF

# Square

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



B5B002



00CAC3



42ABFF



FF6995

# Rectangle

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



B5B002



00C667



42ABFF



FD7AED



# Sweetspot

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



B5B002



EBE9A4



B50208



75744B



F5F5F5



757575



# Same Dimension

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



B5B002



EBE400



61B502



595950



999500



1A1900



# Inverse Universe

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



0207B5



0007EB



5602B5



505159



000499

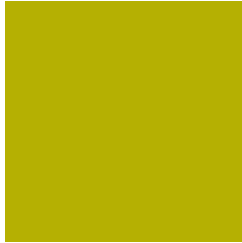


00011A



# Previews

## White Background



This preview shows how the Hex color B5B002 looks on a white background.

## Color Contrast Check

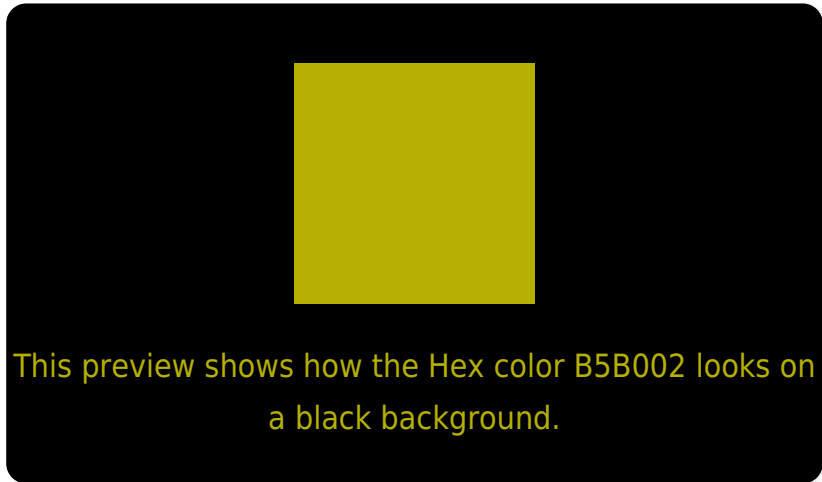
Large Text (above 18pt) WCAG AA × Fail

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 B5B002 Background



This preview shows how black text looks on a background with the Hex color B5B002.



This preview shows how white text looks on a background with the Hex color B5B002.

# 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**  
B5B002

**Protanopia**  
C1AC00

**Deuteranopia**  
D8A21A



# Trichromacy



**Original Color**  
B5B002

**Protanomaly**  
BDAD01

**Deuteranomaly**  
CBA711

**Tritanomaly**  
BCA871

# Monochromacy



**Original Color**  
B5B002

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A6A565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B002 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 #B5B002 looks like.

```
.text, #text, p{  
    color:#B5B002  
}
```

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 #B5B002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B002
}
```

## Border

The CSS property to change the border of an element to Hex B5B002 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
#B5B002 }
```

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

```
.border{ border-color:#B5B002 }
```

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

Here you see how a box with a 4 pixel #B5B002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B002; -webkit-box-shadow:4px 4px  
4px 4px #B5B002; box-shadow:4px 4px 4px  
4px #B5B002 }
```

# Background

The CSS property to change the background color of an element to Hex B5B002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B002 }
```

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

```
.background{ background-color:#B5B002 }
```

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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