

# Converting Colors

Hex(B7B324)

Have a look what the booklet for  
Hex(B7B324) contains.

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**Color**

**Hex(B7B324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B324
RGB	183, 179, 36
RGB Percent	72%, 70%, 14%
CMY	0.2824, 0.2980, 0.8588
CMYK	0.00, 0.02, 0.80, 0.28
HSL	58°, 67%, 43%
HSV	58°, 80%, 72%
XYZ	35.9670, 42.4349, 7.9642
YIQ	163.8940, 48.2870, -43.6250

# Conversions

## Conversions Part 2

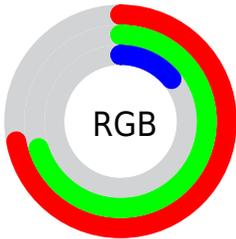
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 183, 36
Decimal	12038948
CIE <sub>Lab</sub>	71.17, -14.08, 66.65
CIE <sub>LCh</sub>	71, 68.122, 101.927
Yxy	42.4349, 0.4164, 0.4913
Android (android.graphics.Color)	4290229028 (0xFFB7B324)
YUV	163.8940, -63.0517, 16.7560
Hunter-Lab	65.1420, -15.4431, 38.3507

# Details

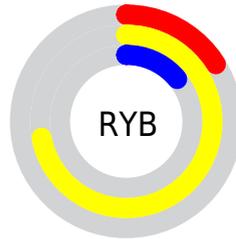
The Hex color **B7B324** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2428B7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F2EA5F**, and **7E7F00** is the 20% darker color. If you saturate the color by 10%, you get **B7B312**, and if you desaturate by 10%, it is **B7B336**.

# Distribution



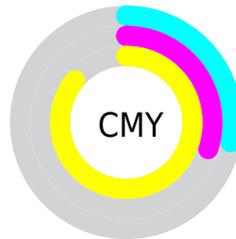
- Red (72%)
- Green (70%)
- Blue (14%)



- Red (16%)
- Yellow (72%)
- Blue (14%)



- Cyan (0%)
- Magenta (2%)
- Yellow (80%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B324 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 B7B324 by changing the saturation by 10% instead.

 B7B324

 B7B324

FFFFFF

 9A9800

 F2EA5F

 7E7F00

 FFFF7B

 636600

 FFFF96

 474E00

 FFFFB3

 2D3700

 FFFFCF

 142200

 FFFFED

 000800

 000000

 B7B324

 B7B324

 B7B312

 B7B336

 B7B200

 B7B449

 B7B45B

 B7B56D

 B7B580

 B7B692

 B7B6A4

 B7B7B6

 B7B7C9

# Harmonies

## Analogous

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



ED9D30



B7B324



72C14B

# Triad

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



B7B324



00C9FF



FF7AD6

# Complementary

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



B7B324



2428B7

# 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.



D193FF



B7B324



00BFFF

# Square

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



B7B324



00CCC6



5FADFF



FF7398

# Rectangle

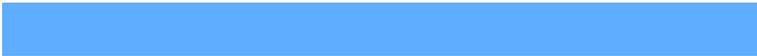
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7B324



1AC771



5FADFF



FC81EA

# Sweetspot

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



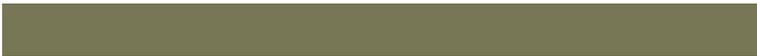
B7B324



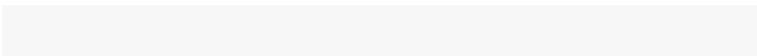
EDECB4



B72429



787755



F7F7F7



787878



# Same Dimension

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



B7B324



EDE709



72B724



5C5C53



9C9700



1C1B00



# Inverse Universe

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



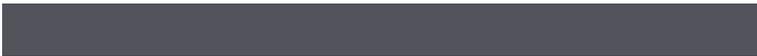
2428B7



0910ED



6924B7



53535C



00049C



00011C



# Previews

## White Background



This preview shows how the Hex color B7B324 looks on a white background.

## Color Contrast Check

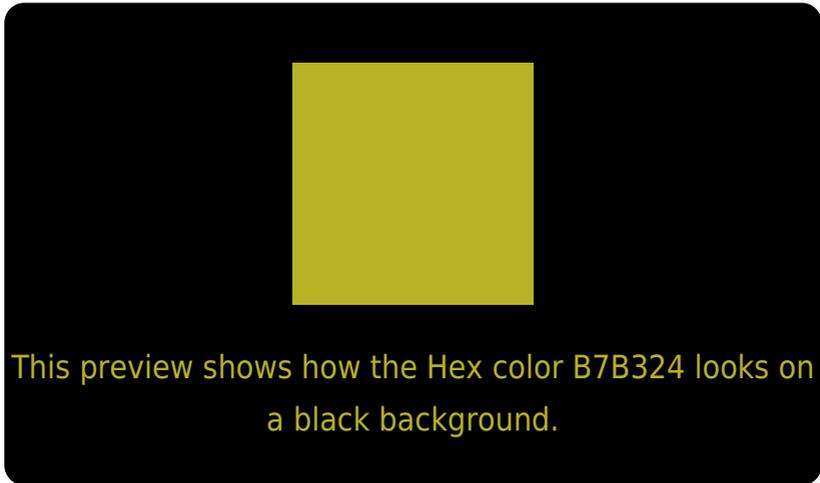
Large Text (above 18pt) WCAG AA × Fail

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

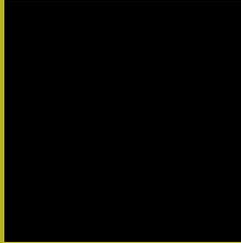
Any Text WCAG AA ✓ Pass

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 B7B324 Background



This preview shows how black text looks on a background with the Hex color B7B324.



This preview shows how white text looks on a background with the Hex color B7B324.

# 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



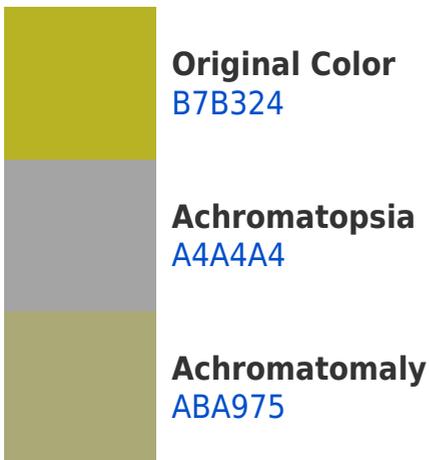


**Tritanopia**  
C2A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B324 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 #B7B324 looks like.

```
.text, #text, p{  
    color:#B7B324  
}
```

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 #B7B324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B324
}
```

## Border

The CSS property to change the border of an element to Hex B7B324 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
#B7B324 }
```

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

```
.border{ border-color:#B7B324 }
```

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

Here you see how a box with a 4 pixel #B7B324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B324; -webkit-box-shadow:4px 4px  
4px 4px #B7B324; box-shadow:4px 4px 4px  
4px #B7B324 }
```

# Background

The CSS property to change the background color of an element to Hex B7B324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B324 }
```

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

```
.background{ background-color:#B7B324 }
```

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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