

# Converting Colors

Hex(B3991C)

Have a look what the booklet for  
Hex(B3991C) contains.

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**Color**

**Hex(B3991C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3991C
RGB	179, 153, 28
RGB Percent	70%, 60%, 11%
CMY	0.2980, 0.4000, 0.8902
CMYK	0.00, 0.15, 0.84, 0.30
HSL	50°, 73%, 41%
HSV	50°, 84%, 70%
XYZ	30.1912, 32.4500, 5.7708
YIQ	146.5240, 55.6210, -33.3630

# Conversions

## Conversions Part 2

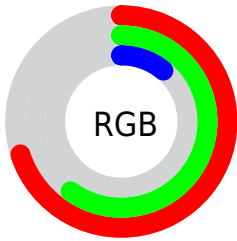
Format	Color
<a href="#">RYB</a>	59, 179, 28
Decimal	11770140
CIELab	63.71, -2.44, 62.31
CIELCh	64, 62.358, 92.239
Yxy	32.4500, 0.4413, 0.4743
Android (android.graphics.Color)	4289960220 (0xFFB3991C)
YUV	146.5240, -58.4323, 28.4815
Hunter-Lab	56.9649, -5.0841, 33.8691

# Details

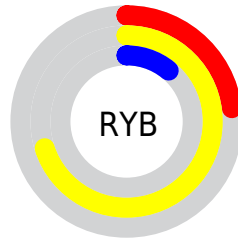
The Hex color **B3991C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1C36B3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EECF56**, and **7A6600** is the 20% darker color. If you saturate the color by 10%, you get **B3960A**, and if you desaturate by 10%, it is **B39C2E**.

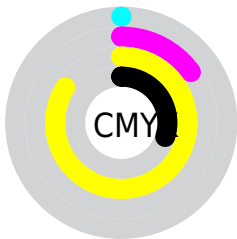
# Distribution



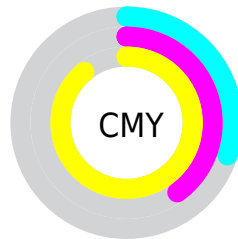
- Red (70%)
- Green (60%)
- Blue (11%)



- Red (23%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (15%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3991C 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 B3991C by changing the saturation by 10% instead.



 B3991C

 B3991C

FFFFFF

 967F00

 EECF56

 7A6600

 FFEB71

 5F4F00

 FFFF8C

 433800

 FFFFA8

 2A2300

 FFFFC4

 0E0E00

 FFFFE1

 000000

 B3991C

 B3991C

 B3960A

 B39C2E

 B39400

 B39F40

 B3A252

 B3A564

 B3A876

 B3AB87

 B3AF99

 B3B2AB

 B3B5BD

# Harmonies

## Analogous

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



DF8435



B3991C



7BA834

# Triad

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



B3991C



00B4D4



E172CF

# Complementary

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



B3991C



1C36B3

# 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.



A08AF9



B3991C



00ADFC

# Square

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



B3991C



00B59D



009FFF



FD6598

# Rectangle

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



B3991C



47AF52



009FFF



D079DF



# Sweetspot

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



B3991C



E8DEAE



B31C38



756F52



F5F5F5



757575



# Same Dimension

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



B3991C



E8C000



83B31C



595850



997F00



1A1500



# Inverse Universe

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



1C36B3



0028E8



4C1CB3



505259



001A99

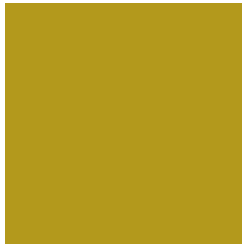


00041A



# Previews

## White Background



This preview shows how the Hex color B3991C looks on a white background.

## Color Contrast Check

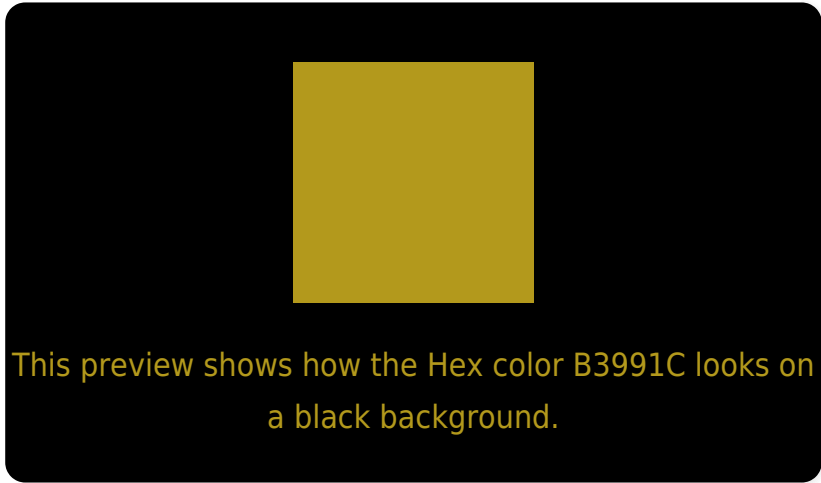
Large Text (above 18pt) WCAG AA × Fail

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 B3991C Background



This preview shows how black text looks on a background with the Hex color B3991C.



This preview shows how white text looks on a background with the Hex color B3991C.

# 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**  
B3991C

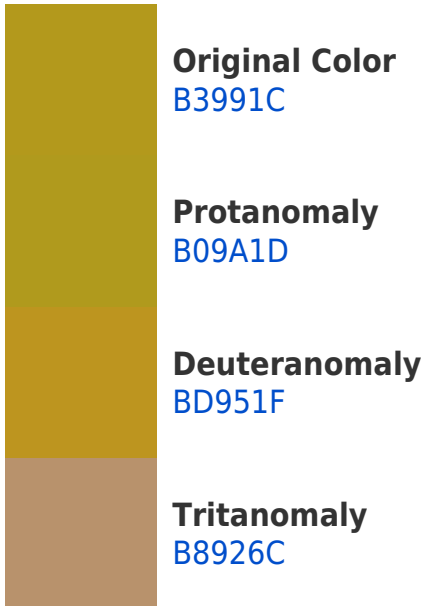
**Protanopia**  
AE9B1D

**Deuteranopia**  
C39320

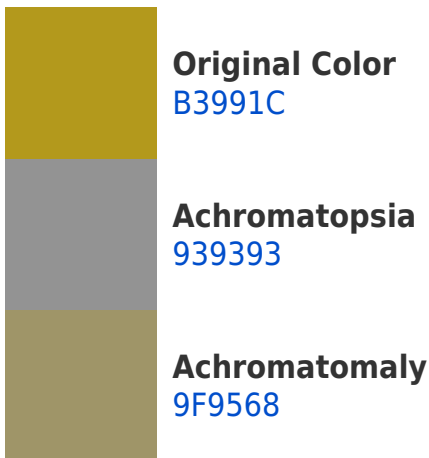


**Tritanopia**  
BB8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3991C 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 #B3991C looks like.

```
.text, #text, p{  
    color:#B3991C  
}
```

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 #B3991C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3991C
}
```

## Border

The CSS property to change the border of an element to Hex B3991C 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
#B3991C }
```

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

```
.border{ border-color:#B3991C }
```

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

Here you see how a box with a 4 pixel #B3991C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3991C; -webkit-box-shadow:4px 4px  
4px 4px #B3991C; box-shadow:4px 4px 4px  
4px #B3991C }
```

# Background

The CSS property to change the background color of an element to Hex B3991C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3991C }
```

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

```
.background{ background-color:#B3991C }
```

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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