

# Converting Colors

Hex(B1B395)

Have a look what the booklet for  
Hex(B1B395) contains.

<b>Hex(B1B395)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B1B395)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B395
RGB	177, 179, 149
RGB Percent	69%, 70%, 58%
CMY	0.3059, 0.2980, 0.4157
CMYK	0.01, 0.00, 0.17, 0.30
HSL	64°, 16%, 64%
HSV	64°, 17%, 70%
XYZ	39.6764, 43.7572, 34.7886
YIQ	174.9820, 8.4380, -9.7540

# Conversions

## Conversions Part 2

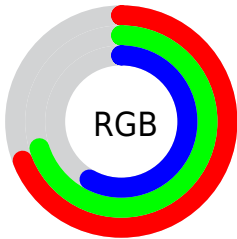
Format	Color
<b>RYB</b>	149, 179, 151
Decimal	11645845
CIELab	72.07, -5.91, 15.11
CIELCh	72, 16.226, 111.373
Yxy	43.7572, 0.3356, 0.3701
Android (android.graphics.Color)	4289835925 (0xFFB1B395)
YUV	174.9820, -12.8091, 1.7698
Hunter-Lab	66.1493, -8.6967, 15.1232

# Details

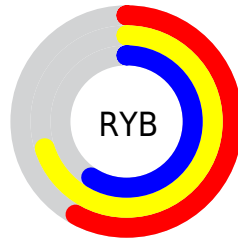
The Hex color **B1B395** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9795B3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E9EBCB**, and **7C7E62** is the 20% darker color. If you saturate the color by 10%, you get **B0B383**, and if you desaturate by 10%, it is **B2B3A7**.

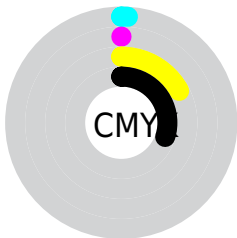
# Distribution



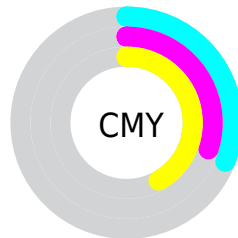
- Red (69%)
- Green (70%)
- Blue (58%)



- Red (58%)
- Yellow (70%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1B395 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 B1B395 by changing the saturation by 10% instead.





B1B395



B1B395

FFFFFF



96987B



E9EBCB



7C7E62



FFFFE7



63654A



4B4D33



34371E



1F2106



000C00



000000



B1B395



B1B395

 B0B383

 B2B3A7

 AFB371

 B3B3B9

 ADB35F

 B5B3CB

 ACB34D

 B6B3DD

 ABB33C

 B7B3EF

 AAB32A

 B8B3FF

 A9B318

 B9B3FF

 A7B306

 BBB3FF

 A7B300

 BCB3FF

# Harmonies

## Analogous

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



C1AE94



B1B395



A0B79E

# Triad

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



B1B395



8DB7C7



CCA7B6

# Complementary

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



B1B395



9795B3

# 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.



C0AAC3



B1B395



9BB3CE

# Square

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



B1B395



8AB9BB



AEAECB



D0A7A6

# Rectangle

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



B1B395



96B9A7



AEAEC



C9A7BA



# Sweetspot

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



B1B395



E7E8DC



B39795



75756E



F5F5F5



757575



# Same Dimension

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



B1B395



E5E8BA



A3B395



595950



8F9900



181A00



# Inverse Universe

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



9795B3



BDBAE8



A695B3



515059



0A0099



02001A



# Previews

## White Background



This preview shows how the Hex color B1B395 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



This preview shows how the Hex color B1B395 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

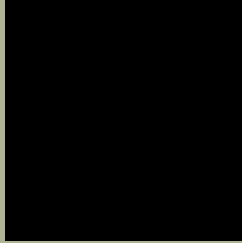
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

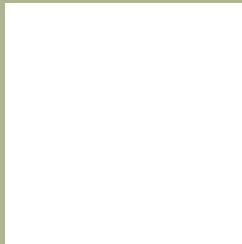
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1B395 Background



This preview shows how black text looks on a background with the Hex color B1B395.

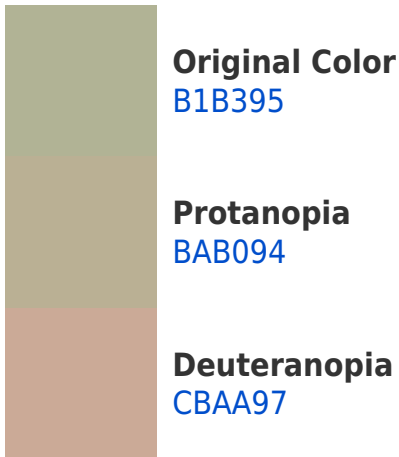


This preview shows how white text looks on a background with the Hex color B1B395.

# 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](#).

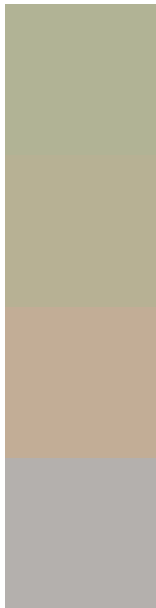
## Dichromacy





**Tritanopia**  
B6AEBB

# Trichromacy



**Original Color**  
B1B395

**Protanomaly**  
B7B194

**Deuteranomaly**  
C2AD96

**Tritanomaly**  
B4B0AD

# Monochromacy



**Original Color**  
B1B395

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B0B0A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1B395 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 #B1B395 looks like.

```
.text, #text, p{  
    color:#B1B395  
}
```

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 #B1B395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B395
}
```

## Border

The CSS property to change the border of an element to Hex B1B395 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
#B1B395 }
```

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

```
.border{ border-color:#B1B395 }
```

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

Here you see how a box with a 4 pixel #B1B395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B395; -webkit-box-shadow:4px 4px  
4px 4px #B1B395; box-shadow:4px 4px 4px  
4px #B1B395 }
```

# Background

The CSS property to change the background color of an element to Hex B1B395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B395 }
```

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

```
.background{ background-color:#B1B395 }
```

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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