

# Converting Colors

Hex(B0C396)

Have a look what the booklet for  
Hex(B0C396) contains.

<b>Hex(B0C396)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B0C396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0C396
RGB	176, 195, 150
RGB Percent	69%, 76%, 59%
CMY	0.3098, 0.2353, 0.4118
CMYK	0.10, 0.00, 0.23, 0.24
HSL	85°, 27%, 68%
HSV	85°, 23%, 76%
XYZ	42.9246, 50.4623, 36.3320
YIQ	184.1890, 3.1210, -18.0230

# Conversions

## Conversions Part 2

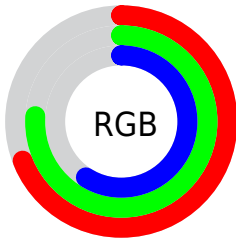
Format	Color
<a href="#">RYB</a>	<a href="#">150, 195, 169</a>
Decimal	<a href="#">11584406</a>
CIELab	<a href="#">76.35, -14.46, 20.51</a>
CIELCh	<a href="#">76, 25.091, 125.183</a>
Yxy	<a href="#">50.4623, 0.3309, 0.3890</a>
Android (android.graphics.Color)	<a href="#">4289774486 (0xFFB0C396)</a>
YUV	<a href="#">184.1890, -16.8552, -7.1818</a>
Hunter-Lab	<a href="#">71.0368, -16.4543, 19.4017</a>

# Details

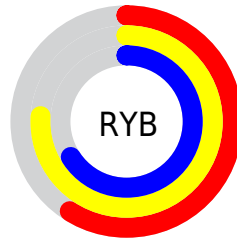
The Hex color **B0C396** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A996C3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E8FCCC**, and **7B8D63** is the 20% darker color. If you saturate the color by 10%, you get **A8C383**, and if you desaturate by 10%, it is **B8C3AA**.

# Distribution



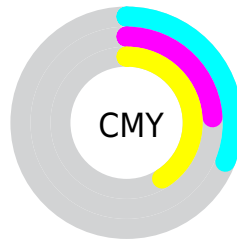
- Red (69%)
- Green (76%)
- Blue (59%)



- Red (59%)
- Yellow (76%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C396 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 B0C396 by changing the saturation by 10% instead.



 B0C396

 B0C396

FFFFFF

 95A87C

 E8FCCC

 7B8D63

 FFFF E9

 62744B

 4A5B34

 32441E

 1D2D07

 001A00

 000000

 B0C396

 B0C396

 A8C383

 B8C3AA

 A0C36F

 C0C3BD

 97C35C

 C9C3D0

 8FC348

 D1C3E4

 87C335

 D9C3F8

 7FC321

 E1C3FF

 76C30E

 EAC3FF

 71C300

 F2C3FF

 FAC3FF

# Harmonies

## Analogous

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



CABC8E



B0C396



96C8A8

# Triad

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



B0C396



89C4E6



EBACB9

# Complementary

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



B0C396



A996C3

# 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.



DEAED0



B0C396



A6BDEA

# Square

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



B0C396



7AC8D6



C5B5E2



EAAEA3

# Rectangle

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



B0C396



87C9B8



C5B5E2



E8ACC1



# Sweetspot

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



B0C396



F5FCEB



C3A996



7B8075



000000



808080

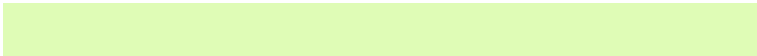


# Same Dimension

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



B0C396



DFFCB6



9AC396



5D6157



5DA100



132100



# Inverse Universe

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



A996C3



D4B6FC



BF96C3



5B5761



4400A1



0E0021



# Previews

## White Background



This preview shows how the Hex color B0C396 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 B0C396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

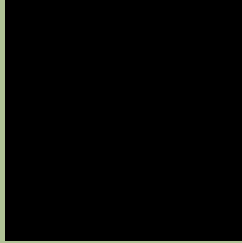
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0C396 Background



This preview shows how black text looks on a background with the Hex color B0C396.

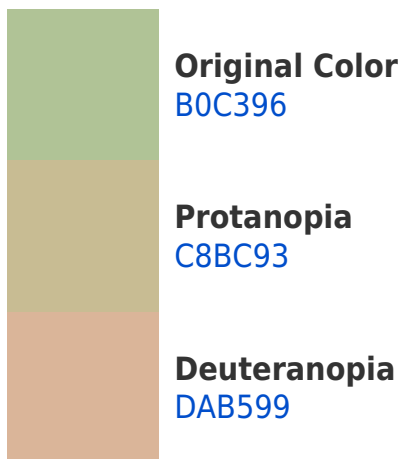


This preview shows how white text looks on a background with the Hex color B0C396.

# 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**  
B8BCCB

# Trichromacy



**Original Color**  
B0C396

**Protanomaly**  
BFBF94

**Deuteranomaly**  
CBBA98

**Tritanomaly**  
B5BFB8

# Monochromacy



**Original Color**  
B0C396

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B5BCAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C396 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 #B0C396 looks like.

```
.text, #text, p{  
    color:#B0C396  
}
```

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 #B0C396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C396
}
```

## Border

The CSS property to change the border of an element to Hex B0C396 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
#B0C396 }
```

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

```
.border{ border-color:#B0C396 }
```

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

Here you see how a box with a 4 pixel #B0C396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C396; -webkit-box-shadow:4px 4px  
4px 4px #B0C396; box-shadow:4px 4px 4px  
4px #B0C396 }
```

# Background

The CSS property to change the background color of an element to Hex B0C396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C396 }
```

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

```
.background{ background-color:#B0C396 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor