

Converting Colors

Hex(B396C0)

Have a look what the booklet for
Hex(B396C0) contains.

Hex(B396C0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B396C0)

Conversions

Conversions Part 1

Format	Color
Hex	B396C0
RGB	179, 150, 192
RGB Percent	70%, 59%, 75%
CMY	0.2980, 0.4118, 0.2471
CMYK	0.07, 0.22, 0.00, 0.25
HSL	281°, 25%, 67%
HSV	281°, 22%, 75%
XYZ	39.0112, 35.2022, 54.6078
YIQ	163.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

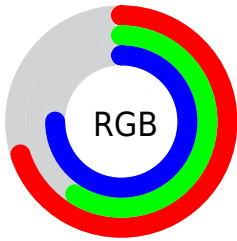
Format	Color
R_{YB}	179, 150, 192
Decimal	11769536
CIE _{Lab}	65.91, 18.54, -17.68
CIE _{LCh}	66, 25.621, 316.351
Yxy	35.2022, 0.3028, 0.2733
Android (android.graphics.Color)	4289959616 (0xFFB396C0)
YUV	163.4590, 14.0707, 13.6295
Hunter-Lab	59.3314, 13.5361, -13.0376

Details

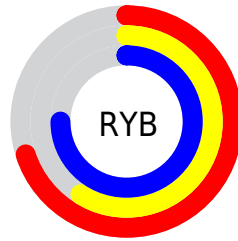
The Hex color **B396C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3C096**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EBCCF8**, and **7E638A** is the 20% darker color. If you saturate the color by 10%, you get **AD83C0**, and if you desaturate by 10%, it is **B9A9C0**.

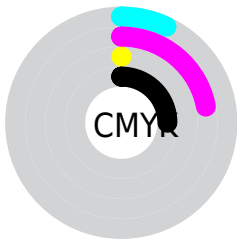
Distribution



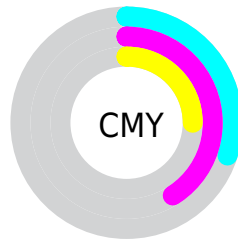
- Red (70%)
- Green (59%)
- Blue (75%)



- Red (70%)
- Yellow (59%)
- Blue (75%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B396C0 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 B396C0 by changing the saturation by 10% instead.

 B396C0

 B396C0

FFFFFF

 987CA5

 EBCCF8

 7E638A

 FFE9FF

 654B71

 4C3458

 351E41

 1F092B

 000016

 000000

 B396C0

 B396C0

 AD83C0

 B9A9C0

 A770C0

 BFBC00

 A15CC0

 C5D0C0

 9B49C0

 CBE3C0

 9536C0

 D1F6C0

 8F23C0

 D7FFC0

 8910C0

 DDFFC0

 8500C0

 E3FFC0

 E8FFC0

Harmonies

Analogous

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



959ECC



B396C0



C790AC

Triad

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



B396C0



BA9B74



5DADAC

Complementary

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



B396C0



A3C096

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.



70AC95



B396C0



A4A374

Square

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



B396C0



CA9480



8AA980



5EABC1

Rectangle

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



B396C0



CE8F9C



8AA980



62ADA4

Sweetspot

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



B396C0



F4E8FA



96A3C0



7A737D



FCFCFC



7D7D7D

Same Dimension

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



B396C0



E6B9FA



C096B8



5E5761



6F00A1



170021

Inverse Universe

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



C096A3



FAB9CD



96C09E



61575A



A10032



21000A

Previews

White Background



This preview shows how the Hex color B396C0 looks on a white background.

Color Contrast Check

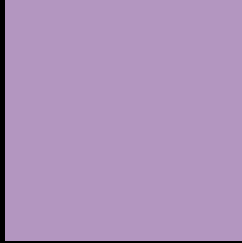
Large Text (above 18pt) WCAG AA × Fail

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 B396C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

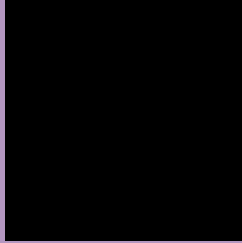
Any Text WCAG AA ✓ Pass

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 B396C0 Background



This preview shows how black text looks on a background with the Hex color B396C0.



This preview shows how white text looks on a background with the Hex color B396C0.

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](#).

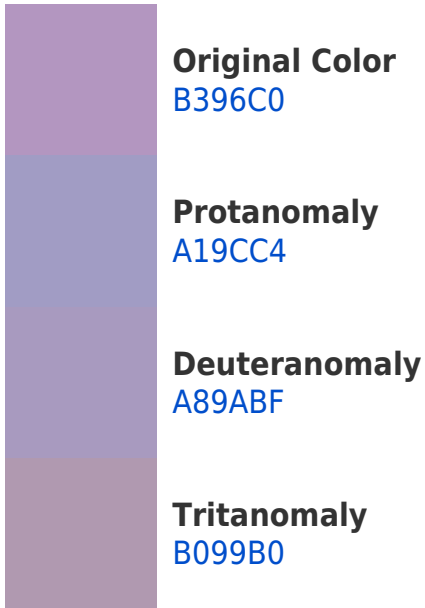
Dichromacy



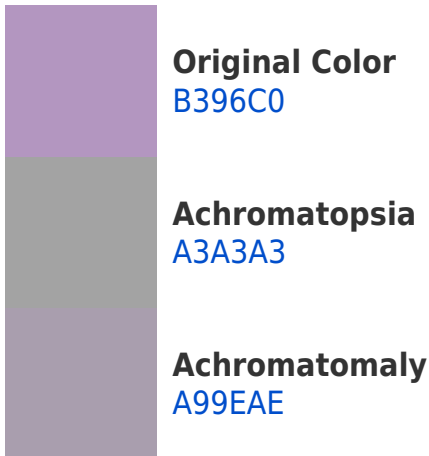


Tritanopia
AF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B396C0 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 #B396C0 looks like.

```
.text, #text, p{  
    color:#B396C0  
}
```

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 #B396C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B396C0
}
```

Border

The CSS property to change the border of an element to Hex B396C0 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
#B396C0 }
```

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

```
.border{ border-color:#B396C0 }
```

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

Here you see how a box with a 4 pixel #B396C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B396C0; -webkit-box-shadow:4px 4px  
4px 4px #B396C0; box-shadow:4px 4px 4px  
4px #B396C0 }
```

Background

The CSS property to change the background color of an element to Hex B396C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B396C0 }
```

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

```
.background{ background-color:#B396C0 }
```

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