

# Converting Colors

Hex(B381A5)

Have a look what the booklet for  
Hex(B381A5) contains.

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# **Color**

**Hex(B381A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B381A5
RGB	179, 129, 165
RGB Percent	70%, 51%, 65%
CMY	0.2980, 0.4941, 0.3529
CMYK	0.00, 0.28, 0.08, 0.30
HSL	317°, 25%, 60%
HSV	317°, 28%, 70%
XYZ	33.2322, 28.0008, 39.2505
YIQ	148.0540, 18.2440, 21.7960

# Conversions

## Conversions Part 2

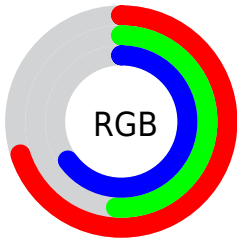
Format	Color
<a href="#">RYB</a>	<a href="#">179, 129, 165</a>
Decimal	<a href="#">11764133</a>
CIELab	<a href="#">59.89, 25.13, -11.50</a>
CIELCh	<a href="#">60, 27.638, 335.422</a>
Yxy	<a href="#">28.0008, 0.3307, 0.2787</a>
Android (android.graphics.Color)	<a href="#">4289954213 (0xFFB381A5)</a>
YUV	<a href="#">148.0540, 8.3544, 27.1396</a>
Hunter-Lab	<a href="#">52.9158, 19.4989, -6.9375</a>

# Details

The Hex color **B381A5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81B38F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EBB6DC**, and **7E4F71** is the 20% darker color. If you saturate the color by 10%, you get **B36FA0**, and if you desaturate by 10%, it is **B393AA**.

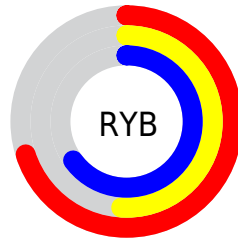
# Distribution



Red (70%)

Green (51%)

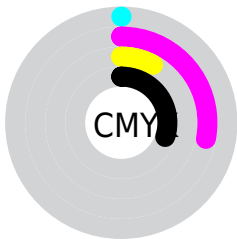
Blue (65%)



Red (70%)

Yellow (51%)

Blue (65%)

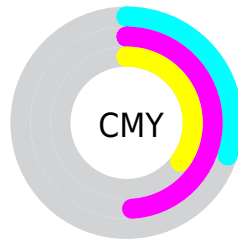


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B381A5 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 B381A5 by changing the saturation by 10% instead.



 B381A5

 B381A5

FFFFFF

 98688B

 EBB6DC

 7E4F71

 FFD2F9

 643759

 FFEFFF

 4B2141

 340A2B

 210017

 000000

 B381A5

 B381A5

 B36FA0

 B393AA

 B35D9B

 B3A5AF

 B34B96

 B3B7B4

 B33991

 B3C9B9

 B3278C

 B3DBBE

 B31687

 B3ECC3

 B30482

 B3FEC8

 B30081

 B3FFCD

 B3FFD2

# Harmonies

## Analogous

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



9988B8



B381A5



C07E8D

# Triad

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



B381A5



9D9060



409DAC

# Complementary

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



B381A5



81B38F

# 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.



4B9E94



B381A5



839768

# Square

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



B381A5



B28865



669C7B



5398BC

# Rectangle

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



B381A5



C17F7D



669C7B



409DA4



# Sweetspot

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



B381A5



E8D5E3



8E81B3



756A72



F5F5F5



757575



# Same Dimension

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



B381A5



E899D2



B3818D



595057



99006E



1A0012



# Inverse Universe

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



B381A5



E899D2



81B3A7



595057



99006E

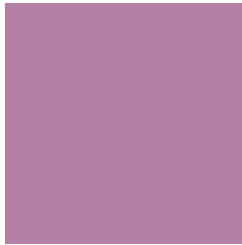


1A0012



# Previews

## White Background



This preview shows how the Hex color B381A5 looks on a white background.

## Color Contrast Check

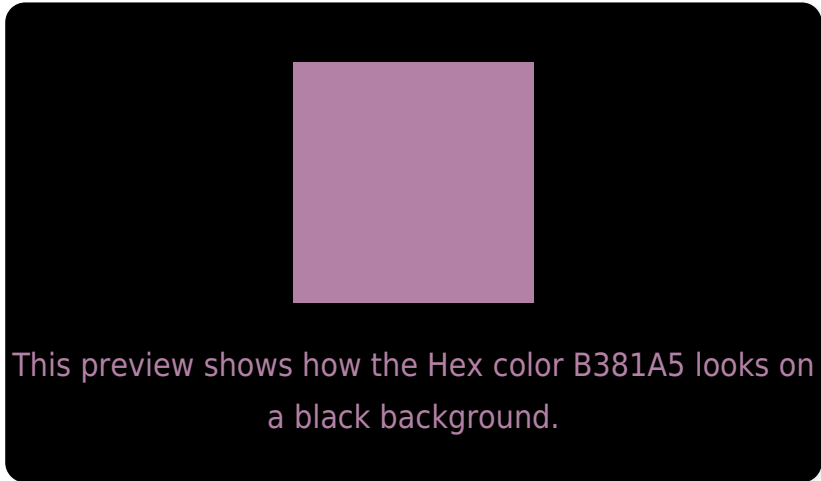
Large Text (above 18pt) WCAG AA ✓ Pass

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

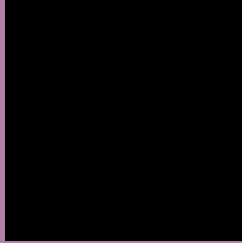
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B381A5 Background



This preview shows how black text looks on a background with the Hex color B381A5.

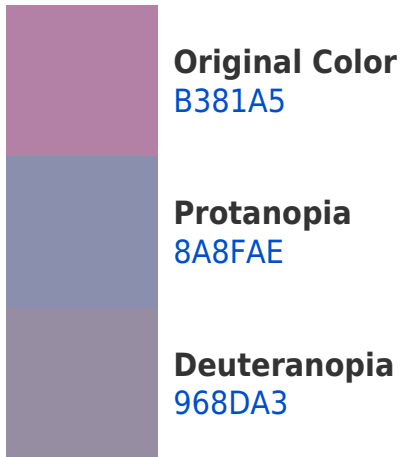


This preview shows how white text looks on a background with the Hex color B381A5.

# 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](#).

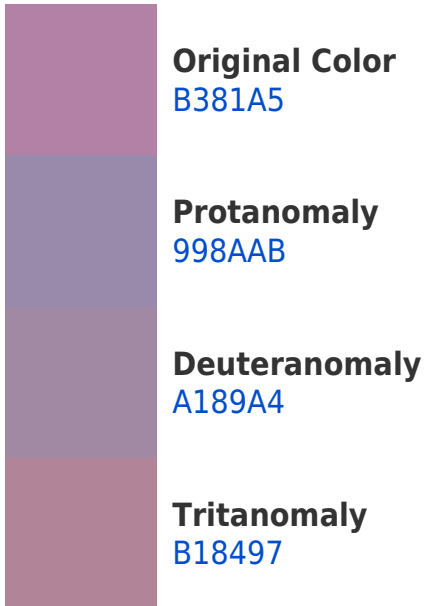
## Dichromacy



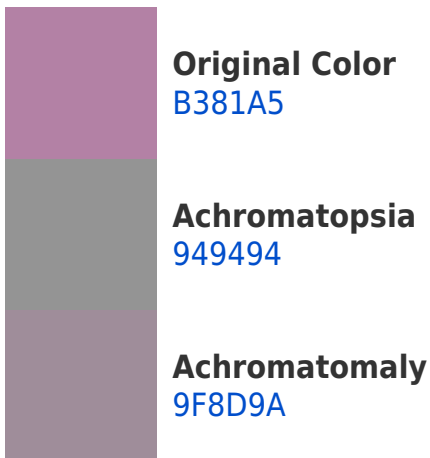


**Tritanopia**  
B0858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B381A5 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 #B381A5 looks like.

```
.text, #text, p{  
    color:#B381A5  
}
```

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 #B381A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B381A5
}
```

## Border

The CSS property to change the border of an element to Hex B381A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

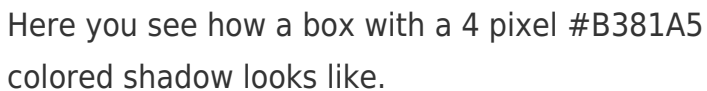
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B381A5 }
```

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

```
.border{ border-color:#B381A5 }
```

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



Here you see how a box with a 4 pixel #B381A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B381A5; -webkit-box-shadow:4px 4px  
4px 4px #B381A5; box-shadow:4px 4px 4px  
4px #B381A5 }
```

# Background

The CSS property to change the background color of an element to Hex B381A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B381A5 }
```

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

```
.background{ background-color:#B381A5 }
```

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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