

# Converting Colors

Hex(A371B7)

Have a look what the booklet for  
Hex(A371B7) contains.

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# **Color**

**Hex(A371B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A371B7
RGB	163, 113, 183
RGB Percent	64%, 44%, 72%
CMY	0.3608, 0.5569, 0.2824
CMYK	0.11, 0.38, 0.00, 0.28
HSL	283°, 33%, 58%
HSV	283°, 38%, 72%
XYZ	29.5566, 23.0157, 47.6844
YIQ	135.9300, 7.3300, 32.3700

# Conversions

## Conversions Part 2

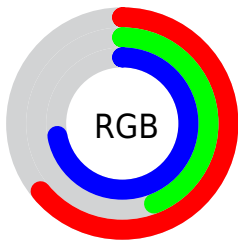
Format	Color
<a href="#">RYB</a>	<a href="#">163, 113, 183</a>
Decimal	<a href="#">10711479</a>
CIELab	<a href="#">55.09, 32.33, -29.31</a>
CIELCh	<a href="#">55, 43.642, 317.802</a>
Yxy	<a href="#">23.0157, 0.2948, 0.2296</a>
Android (android.graphics.Color)	<a href="#">4288901559 (0xFFA371B7)</a>
YUV	<a href="#">135.9300, 23.2055, 23.7404</a>
Hunter-Lab	<a href="#">47.9747, 26.0161, -25.3490</a>

# Details

The Hex color **A371B7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **85B771**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DBA6EF**, and **6E4082** is the 20% darker color. If you saturate the color by 10%, you get **9E5FB7**, and if you desaturate by 10%, it is **A883B7**.

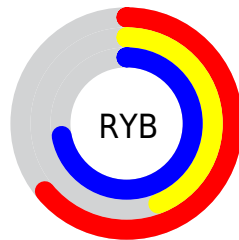
# Distribution



Red (64%)

Green (44%)

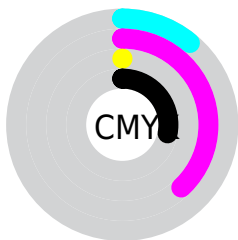
Blue (72%)



Red (64%)

Yellow (44%)

Blue (72%)

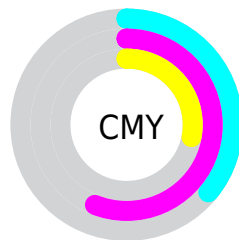


Cyan (11%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (56%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A371B7 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 A371B7 by changing the saturation by 10% instead.



 A371B7

 A371B7

FFFFFF

 88589C

 DBA6EF

 6E4082

 F8C1FF

 552868

 FFDDFF

 3C1150

 FFFAFF

 250039

 040023

 000009

 000000

 A371B7

 A371B7

9E5FB7

A883B7

994CB7

AD96B7

933AB7

B3A8B7

8E28B7

B8BAB7

8915B7

BDCDB7

8403B7

C2DFB7

8300B7

C8F1B7

CDFFB7

D2FFB7

# Harmonies

## Analogous

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



6D80CC



A371B7



C26595

# Triad

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



A371B7



A77C38



00979A

# Complementary

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



A371B7



85B771

# 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.



009673



A371B7



848938

# Square

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



A371B7



C06E4D



58914F



0094BB

# Rectangle

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



A371B7



CA637B



58914F



00978D



# Sweetspot

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



A371B7



E6D3ED



7186B7



736878



F7F7F7



787878



# Same Dimension

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



A371B7



CE80ED



B771A9



59535C



6F009C



14001C



# Inverse Universe

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



B77185



ED809F



71B77F



5C5355



9C002C

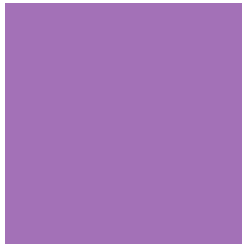


1C0008



# Previews

## White Background



This preview shows how the Hex color A371B7 looks on a white background.

## Color Contrast Check

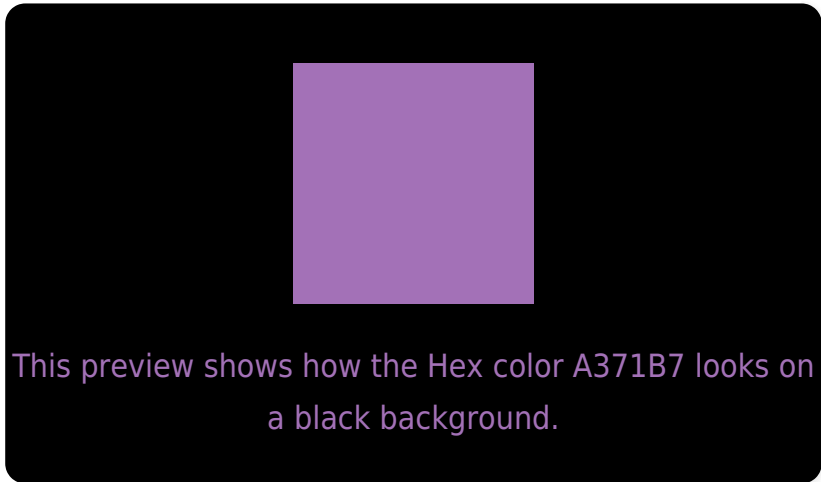
Large Text (above 18pt) WCAG AA ✓ Pass

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

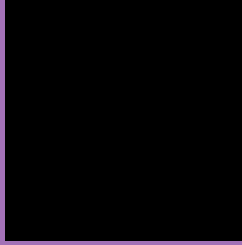
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A371B7 Background



This preview shows how black text looks on a background with the Hex color A371B7.

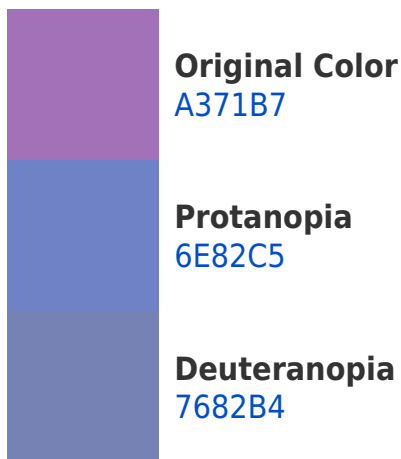


This preview shows how white text looks on a background with the Hex color A371B7.

# 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](#).

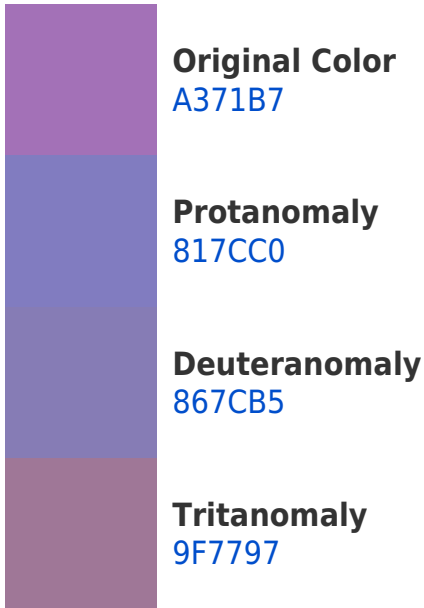
## Dichromacy



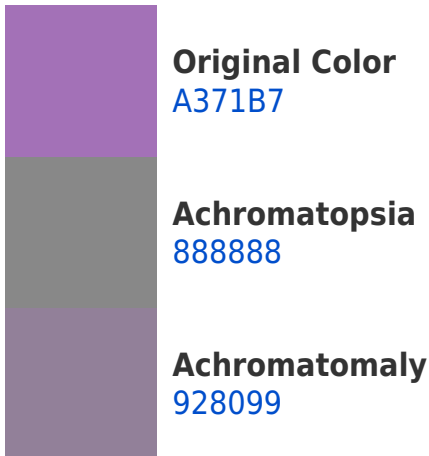


**Tritanopia**  
9C7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A371B7 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 #A371B7 looks like.

```
.text, #text, p{  
    color:#A371B7  
}
```

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 #A371B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A371B7
}
```

## Border

The CSS property to change the border of an element to Hex A371B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

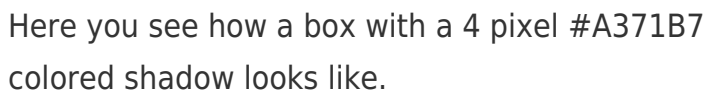
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A371B7 }
```

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

```
.border{ border-color:#A371B7 }
```

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



Here you see how a box with a 4 pixel `#A371B7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A371B7; -webkit-box-shadow:4px 4px  
4px 4px #A371B7; box-shadow:4px 4px 4px  
4px #A371B7 }
```

# Background

The CSS property to change the background color of an element to Hex A371B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A371B7 }
```

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

```
.background{ background-color:#A371B7 }
```

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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