

# Converting Colors

Hex(A467B8)

Have a look what the booklet for  
Hex(A467B8) contains.

<b>Hex(A467B8)</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(A467B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A467B8
RGB	164, 103, 184
RGB Percent	64%, 40%, 72%
CMY	0.3569, 0.5961, 0.2784
CMYK	0.11, 0.44, 0.00, 0.28
HSL	285°, 36%, 56%
HSV	285°, 44%, 72%
XYZ	28.8118, 21.0537, 47.8926
YIQ	130.4730, 10.3550, 38.1230

# Conversions

## Conversions Part 2

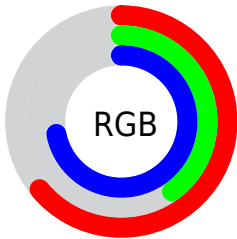
Format	Color
<a href="#">RYB</a>	<a href="#">164, 103, 184</a>
Decimal	<a href="#">10774456</a>
CIELab	<a href="#">53.01, 38.43, -33.12</a>
CIElCh	<a href="#">53, 50.732, 319.242</a>
Yxy	<a href="#">21.0537, 0.2947, 0.2154</a>
Android (android.graphics.Color)	<a href="#">4288964536 (0xFFA467B8)</a>
YUV	<a href="#">130.4730, 26.3888, 29.4032</a>
Hunter-Lab	<a href="#">45.8843, 31.7867, -29.7660</a>

# Details

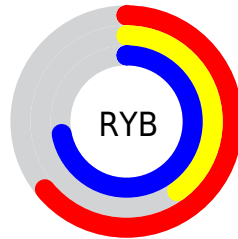
The Hex color **A467B8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **7BB867**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **DC9CF0**, and **6E3583** is the 20% darker color. If you saturate the color by 10%, you get **9F55B8**, and if you desaturate by 10%, it is **A979B8**.

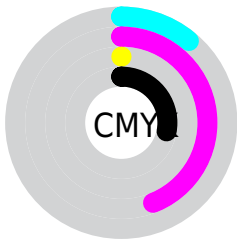
# Distribution



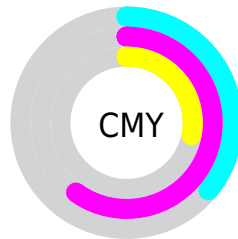
- Red (64%)
- Green (40%)
- Blue (72%)



- Red (64%)
- Yellow (40%)
- Blue (72%)



- Cyan (11%)
- Magenta (44%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (60%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A467B8 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 A467B8 by changing the saturation by 10% instead.



 A467B8

 A467B8

FFFFFF

 894E9D

 DC9CF0

 6E3583

 F9B7FF

 551D69

 FFD3FF

 3C0151

 FFEFFF

 250039

 000023

 000009

 000000

 A467B8

 A467B8

9F55B8

A979B8

9B42B8

AD8CB8

9630B8

B29EB8

921DB8

B6B1B8

8D0BB8

BBC3B8

8B00B8

BFD5B8

C4E8B8

C8FAB8

CDFFB8

# Harmonies

## Analogous

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



6379D1



A467B8



C65890

# Triad

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



A467B8



A37723



00949A

# Complementary

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



A467B8



7BB867

# 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.



00936D



A467B8



7B8525

# Square

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



A467B8



C1663E



468E43



0090C0

# Rectangle

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



A467B8



CE5673



468E43



00948B



# Sweetspot

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



A467B8



E8D1F0



677BB8



736578



F7F7F7



787878



# Same Dimension

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



A467B8



D071F0



B867A4



5A535C



75009C



15001C



# Inverse Universe

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



B8677B



F07190



67B87B



5C5355



9C0026

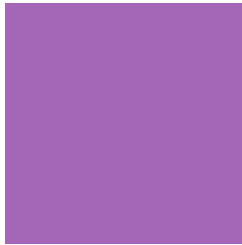


1C0007



# Previews

## White Background



This preview shows how the Hex color A467B8 looks on a white background.

## Color Contrast Check

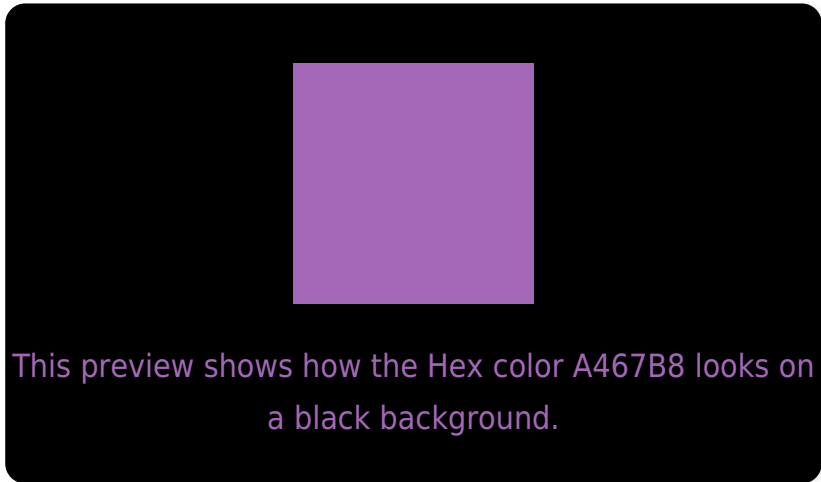
Large Text (above 18pt) WCAG AA ✓ Pass

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

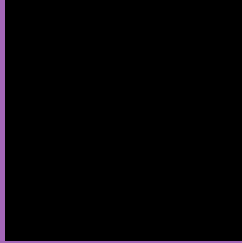
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A467B8 Background



This preview shows how black text looks on a background with the Hex color A467B8.

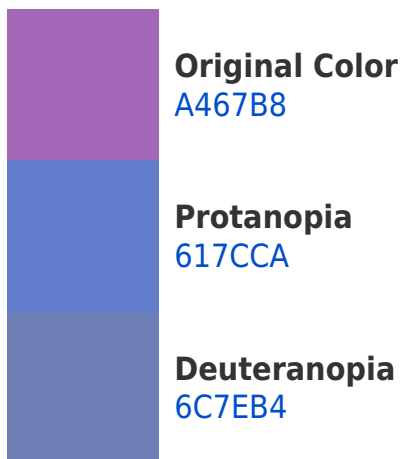


This preview shows how white text looks on a background with the Hex color A467B8.

# 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**  
9B747D

# Trichromacy



**Original Color**  
A467B8



**Protanomaly**  
7974C3



**Deuteranomaly**  
8076B5



**Tritanomaly**  
9E6F92

# Monochromacy



**Original Color**  
A467B8



**Achromatopsia**  
828282



**Achromatomaly**  
8E7896

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A467B8 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 #A467B8 looks like.

```
.text, #text, p{  
    color:#A467B8  
}
```

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 #A467B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A467B8
}
```

## Border

The CSS property to change the border of an element to Hex A467B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

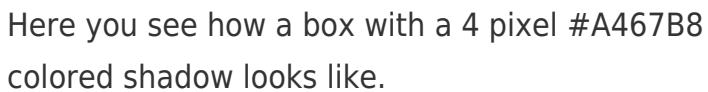
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A467B8 }
```

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

```
.border{ border-color:#A467B8 }
```

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



Here you see how a box with a 4 pixel #A467B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A467B8; -webkit-box-shadow:4px 4px  
4px 4px #A467B8; box-shadow:4px 4px 4px  
4px #A467B8 }
```

# Background

The CSS property to change the background color of an element to Hex A467B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A467B8 }
```

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

```
.background{ background-color:#A467B8 }
```

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