

# Converting Colors

Hex(AC6BB8)

Have a look what the booklet for  
Hex(AC6BB8) contains.

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# Color

**Hex(AC6BB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC6BB8
RGB	172, 107, 184
RGB Percent	67%, 42%, 72%
CMY	0.3255, 0.5804, 0.2784
CMYK	0.07, 0.42, 0.00, 0.28
HSL	291°, 35%, 57%
HSV	291°, 42%, 72%
XYZ	30.9227, 22.7467, 48.1082
YIQ	135.2130, 14.0230, 37.7270

# Conversions

## Conversions Part 2

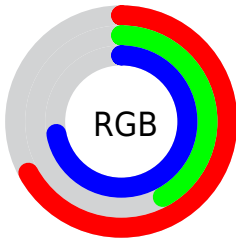
Format	Color
R <sub>Y</sub> B	172, 107, 184
Decimal	11299768
CIE Lab	54.81, 38.67, -30.24
CIE LCh	55, 49.091, 321.972
Yxy	22.7467, 0.3038, 0.2235
Android (android.graphics.Color)	4289489848 (0xFFAC6BB8)
YUV	135.2130, 24.0520, 32.2622
Hunter-Lab	47.6935, 32.2689, -26.4199

# Details

The Hex color **AC6BB8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77B86B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E5A0F0**, and **763983** is the 20% darker color. If you saturate the color by 10%, you get **A959B8**, and if you desaturate by 10%, it is **AF7DB8**.

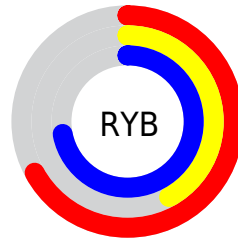
# Distribution



Red (67%)

Green (42%)

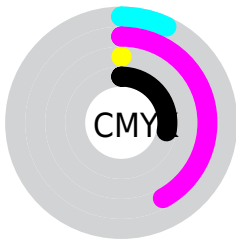
Blue (72%)



Red (67%)

Yellow (42%)

Blue (72%)

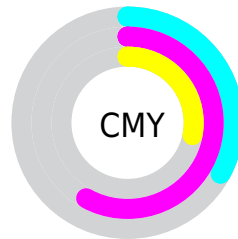


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (58%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC6BB8 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 AC6BB8 by changing the saturation by 10% instead.



■ AC6BB8

■ AC6BB8

FFFFFF

■ 91529D

■ E5A0F0

■ 763983

■ FFBBFF

■ 5C2069

■ FFD7FF

■ 430451

■ FFF4FF

■ 2B0039

■ 0F0023

■ 00000A

■ 000000

■ AC6BB8

■ AC6BB8

 A959B8

 AF7DB8

 A646B8

 B290B8

 A334B8

 B5A2B8

 A121B8

 B7B5B8

 9E0FB8

 BAC7B8

 9B00B8

 BDD9B8

 C0ECB8

 C3FEB8

 C6FFB8

# Harmonies

## Analogous

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



717DD2



AC6BB8



CB5E90

# Triad

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



AC6BB8



A47D2A



0098A2

# Complementary

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



AC6BB8



77B86B

# 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.



009776



AC6BB8



7C8A2F

# Square

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



AC6BB8



C26D41



48934C



0094C5

# Rectangle

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



AC6BB8



D25D74



48934C



009893



# Sweetspot

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



AC6BB8



EBD1F0



6B78B8



756578



F7F7F7



787878



# Same Dimension

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



AC6BB8



DD78F0



B86B9E



5A535C



83009C



18001C



# Inverse Universe

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



B86B77



F0788B



6BB885



5C5354



9C0018

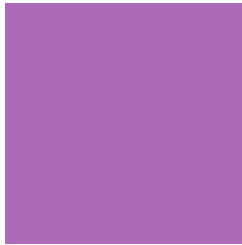


1C0004



# Previews

## White Background



This preview shows how the Hex color AC6BB8 looks on a white background.

## Color Contrast Check

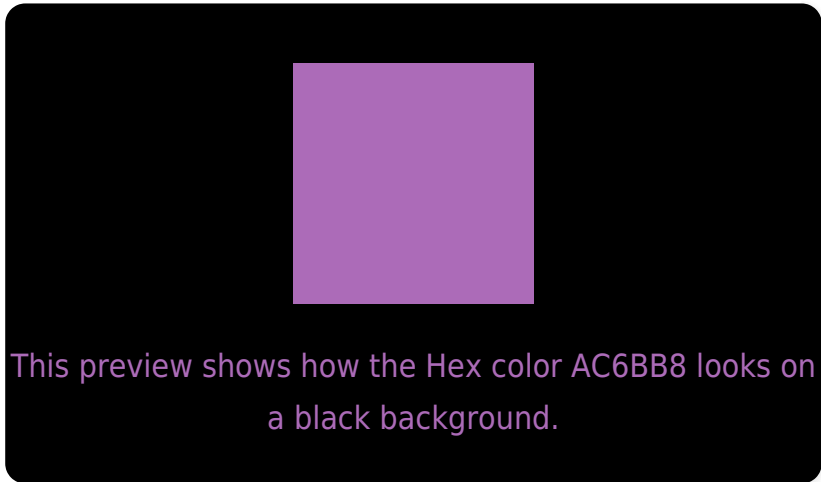
Large Text (above 18pt) WCAG AA ✓ Pass

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

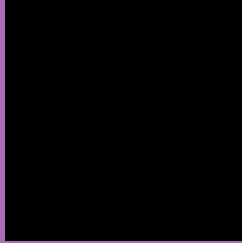
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC6BB8 Background



This preview shows how black text looks on a background with the Hex color AC6BB8.

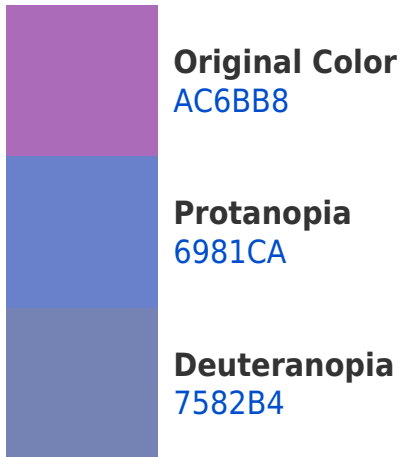


This preview shows how white text looks on a background with the Hex color AC6BB8.

# 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](#).

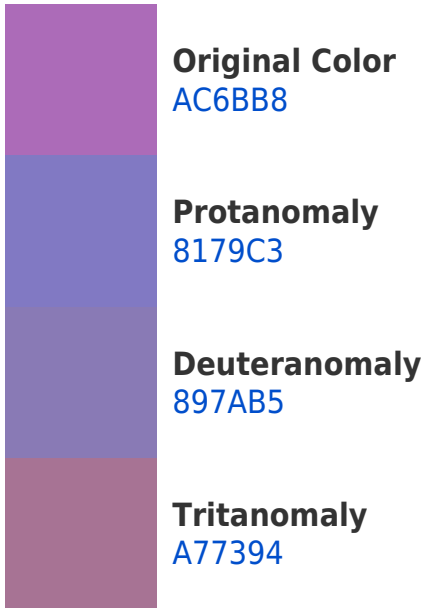
## Dichromacy



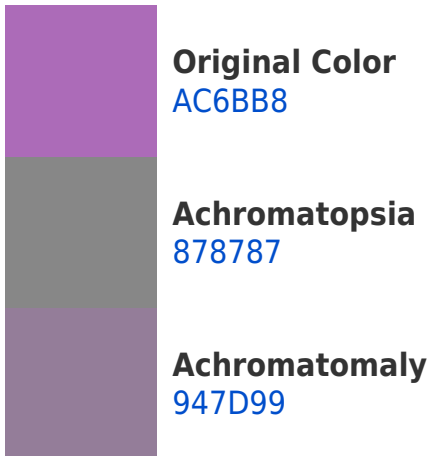


**Tritanopia**  
A47780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC6BB8 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 #AC6BB8 looks like.

```
.text, #text, p{  
    color:#AC6BB8  
}
```

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 #AC6BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6BB8
}
```

## Border

The CSS property to change the border of an element to Hex AC6BB8 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
#AC6BB8 }
```

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

```
.border{ border-color:#AC6BB8 }
```

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

Here you see how a box with a 4 pixel #AC6BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6BB8; -webkit-box-shadow:4px 4px  
4px 4px #AC6BB8; box-shadow:4px 4px 4px  
4px #AC6BB8 }
```

# Background

The CSS property to change the background color of an element to Hex AC6BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6BB8 }
```

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

```
.background{ background-color:#AC6BB8 }
```

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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