

# Converting Colors

Hex(AC6AB4)

Have a look what the booklet for  
Hex(AC6AB4) contains.

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# Color

**Hex(AC6AB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC6AB4
RGB	172, 106, 180
RGB Percent	67%, 42%, 71%
CMY	0.3255, 0.5843, 0.2941
CMYK	0.04, 0.41, 0.00, 0.29
HSL	294°, 33%, 56%
HSV	294°, 41%, 71%
XYZ	30.4055, 22.3740, 45.8961
YIQ	134.1700, 15.5820, 37.0060

# Conversions

## Conversions Part 2

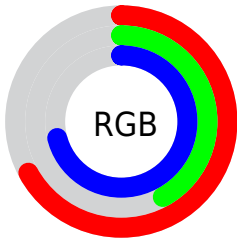
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 106, 180
Decimal	11299508
CIELab	54.42, 38.42, -28.54
CIElCh	54, 47.860, 323.391
Yxy	22.3740, 0.3081, 0.2267
Android (android.graphics.Color)	4289489588 (0xFFAC6AB4)
YUV	134.1700, 22.5942, 33.1769
Hunter-Lab	47.3012, 31.9639, -24.4180

# Details

The Hex color **AC6AB4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **72B46A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E59FEC**, and **76387F** is the 20% darker color. If you saturate the color by 10%, you get **AA58B4**, and if you desaturate by 10%, it is **AE7CB4**.

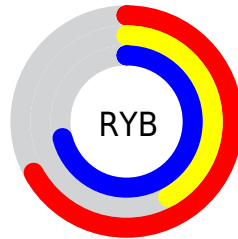
# Distribution



Red (67%)

Green (42%)

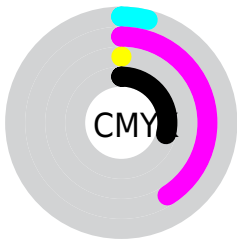
Blue (71%)



Red (67%)

Yellow (42%)

Blue (71%)

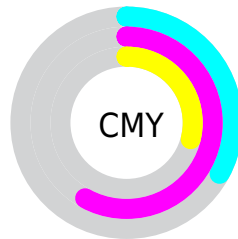


Cyan (4%)

Magenta (41%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (58%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC6AB4 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 AC6AB4 by changing the saturation by 10% instead.



 AC6AB4

 AC6AB4

FFFFFF

 915199

 E59FEC

 76387F

 FFBAFF

 5C1F66

 FFD6FF

 43034D

 FFF3FF

 2C0036

 0E0020

 000004

 000000

 AC6AB4

 AC6AB4

■ AA58B4

■ AE7CB4

■ A846B4

■ B08EB4

■ A634B4

■ B2A0B4

■ A422B4

■ B4B2B4

■ A210B4

■ B6C4B4

■ A100B4

■ B8D6B4

■ BAE8B4

■ BCFAB4

■ BEFFB4

# Harmonies

## Analogous

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



747BCE



AC6AB4



C95E8D

# Triad

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



AC6AB4



A17D2C



0096A2

# Complementary

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



AC6AB4



72B46A

# 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.



009677



AC6AB4



798A31

# Square

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



AC6AB4



BF6D41



46924F



0092C4

# Rectangle

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



AC6AB4



CF5E71



46924F



009794



# Sweetspot

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



AC6AB4



E8CEEB



6A73B4



746575



F5F5F5



757575



# Same Dimension

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



AC6AB4



DE78EB



B46A98



585059



880099



17001A



# Inverse Universe

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



B46A72



EB7884



6AB486



595051



990011

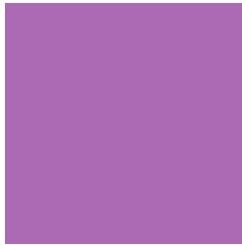


1A0003



# Previews

## White Background



This preview shows how the Hex color AC6AB4 looks on a white background.

## Color Contrast Check

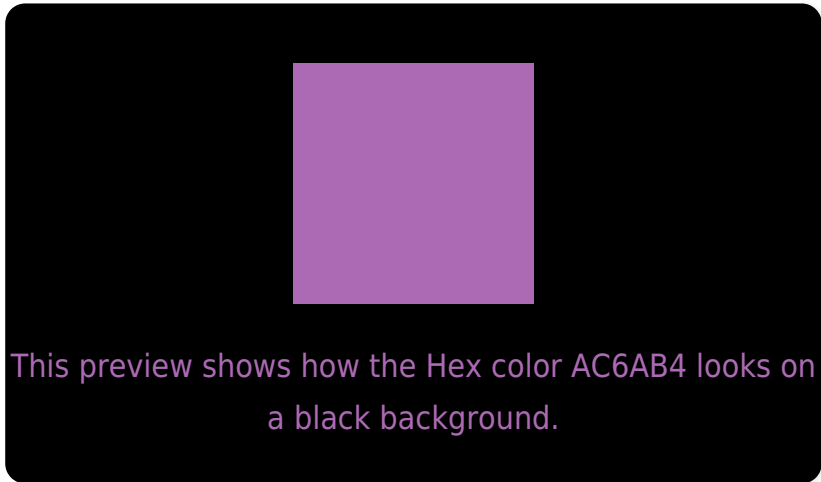
Large Text (above 18pt) WCAG AA ✓ Pass

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

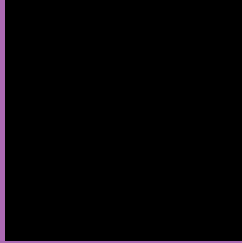
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC6AB4 Background



This preview shows how black text looks on a background with the Hex color AC6AB4.

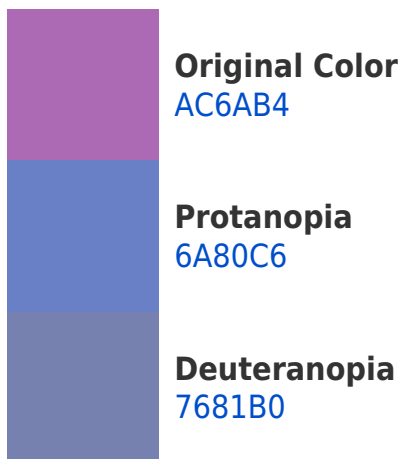



This preview shows how white text looks on a background with the Hex color AC6AB4.

# 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](#).

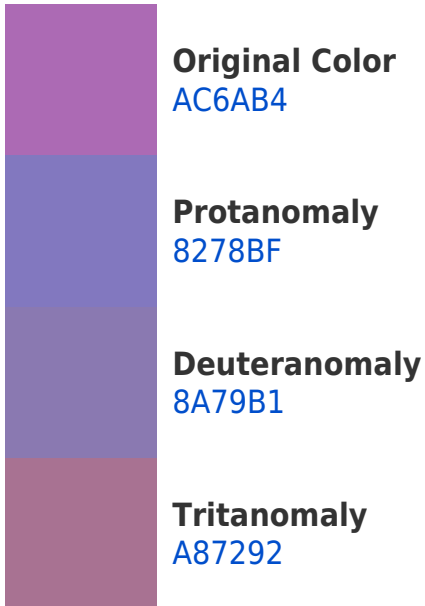
## Dichromacy



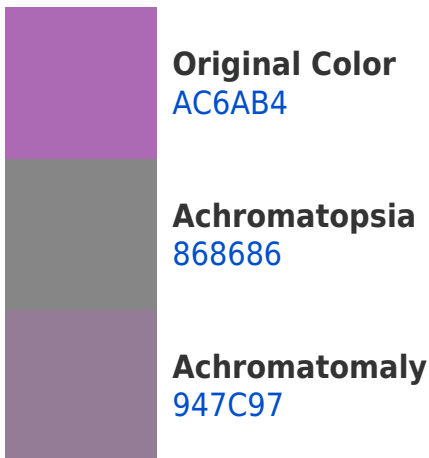


**Tritanopia**  
A5767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC6AB4 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 #AC6AB4 looks like.

```
.text, #text, p{  
    color:#AC6AB4  
}
```

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 #AC6AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6AB4
}
```

## Border

The CSS property to change the border of an element to Hex AC6AB4 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
#AC6AB4 }
```

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

```
.border{ border-color:#AC6AB4 }
```

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

Here you see how a box with a 4 pixel #AC6AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6AB4; -webkit-box-shadow:4px 4px  
4px 4px #AC6AB4; box-shadow:4px 4px 4px  
4px #AC6AB4 }
```

# Background

The CSS property to change the background color of an element to Hex AC6AB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6AB4 }
```

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

```
.background{ background-color:#AC6AB4 }
```

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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