

# Converting Colors

Hex(AC77E4)

Have a look what the booklet for  
Hex(AC77E4) contains.

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# Color

Hex(AC77E4)

# Conversions

## Conversions Part 1

Format	Color
Hex	AC77E4
RGB	172, 119, 228
RGB Percent	67%, 47%, 89%
CMY	0.3255, 0.5333, 0.1059
CMYK	0.25, 0.48, 0.00, 0.11
HSL	269°, 67%, 68%
HSV	269°, 48%, 89%
XYZ	37.6137, 27.5657, 76.7371
YIQ	147.2730, -3.4010, 45.1350

# Conversions

## Conversions Part 2

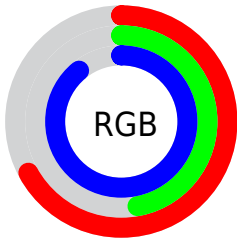
Format	Color
R <sub>Y</sub> B	172, 119, 228
Decimal	11302884
CIE <sub>Lab</sub>	59.49, 41.68, -47.82
CIE <sub>LCh</sub>	59, 63.437, 311.077
Yxy	27.5657, 0.2650, 0.1942
Android (android.graphics.Color)	4289492964 (0xFFAC77E4)
YUV	147.2730, 39.7984, 21.6856
Hunter-Lab	52.5031, 35.9986, -49.9044

# Details

The Hex color **AC77E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFE477**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E5ACFF**, and **7545AC** is the 20% darker color. If you saturate the color by 10%, you get **A060E4**, and if you desaturate by 10%, it is **B88EE4**.

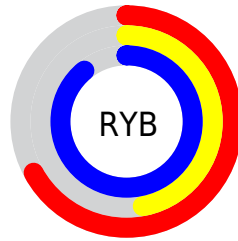
# Distribution



Red (67%)

Green (47%)

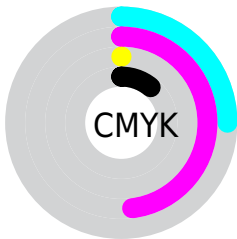
Blue (89%)



Red (67%)

Yellow (47%)

Blue (89%)

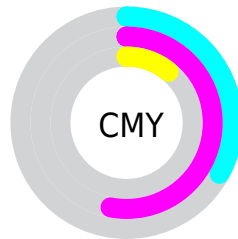


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (53%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC77E4 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 AC77E4 by changing the saturation by 10% instead.



 AC77E4

 AC77E4

FFFFFF

 905DC8

 E5ACFF

 7545AC

 FFC8FF

 5A2C91

 FFE4FF

 3F1377

 23005D

 0B0045

 00032E

 000118

 000000

AC77E4

AC77E4

A060E4

B88EE4

9549E4

C3A5E4

8933E4

CFBBE4

7D1CE4

DBD2E4

7105E4

E7E9E4

6F00E4

F2FFE4

FEFFE4

FFFFE4

# Harmonies

## Analogous

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



398FFD



AC77E4



E15FB5

# Triad

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



AC77E4



C77F1B



00A9A3

# Complementary

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



AC77E4



AFE477

# 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.



00A769



AC77E4



989306

# Square

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



AC77E4



E86848



5AA034



00A7D7

# Rectangle

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



AC77E4



F15790



5AA034



00A990



# Sweetspot

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



AC77E4



EDDBFF



77AFE4



746A80



000000



808080



# Same Dimension

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



AC77E4



B46EFF



E277E4



6D6773



5700B3



190033



# Inverse Universe

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



E477AF



FF6EB8



79E477



73676D



B3005C

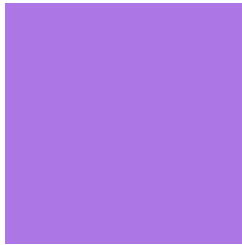


33001A



# Previews

## White Background



This preview shows how the Hex color AC77E4 looks on a white background.

## Color Contrast Check

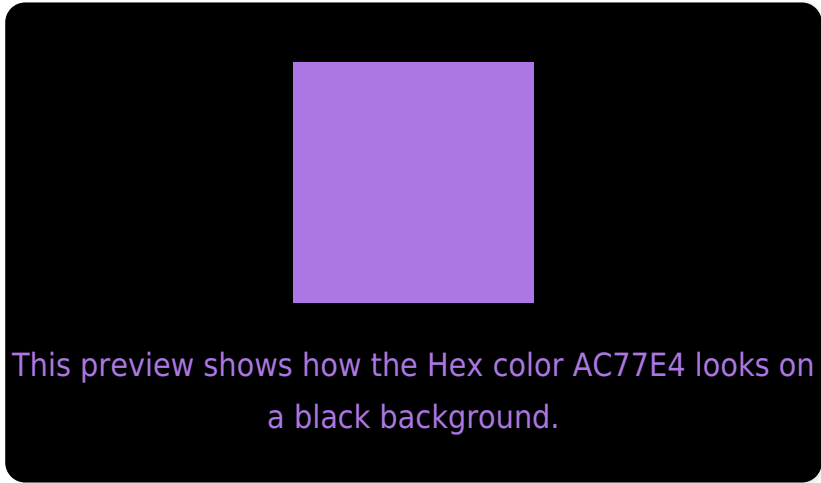
Large Text (above 18pt) WCAG AA ✓ Pass

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

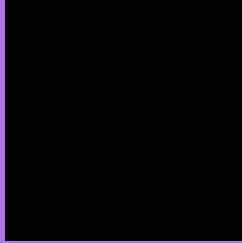
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC77E4 Background



This preview shows how black text looks on a background with the Hex color AC77E4.

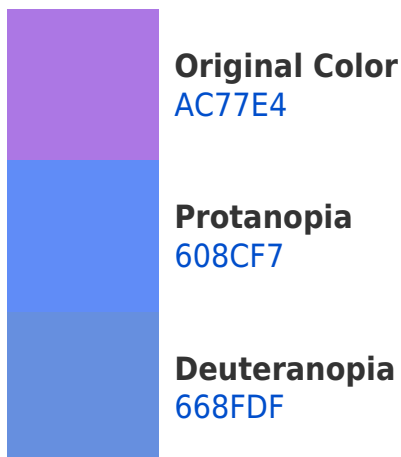


This preview shows how white text looks on a background with the Hex color AC77E4.

# 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](#).

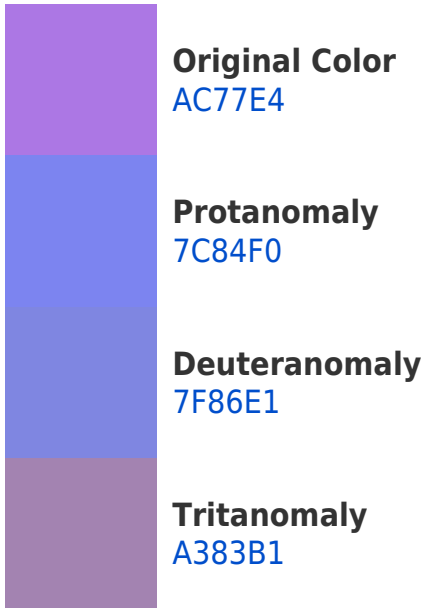
## Dichromacy



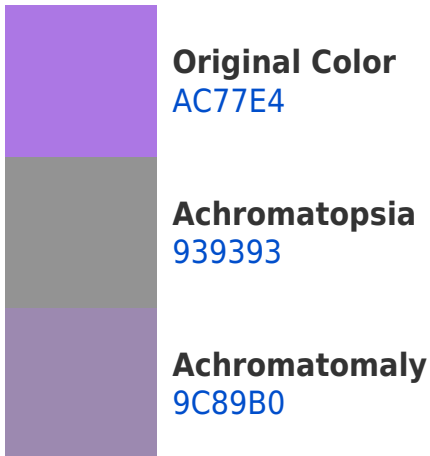


**Tritanopia**  
9E8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC77E4 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 #AC77E4 looks like.

```
.text, #text, p{  
    color:#AC77E4  
}
```

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 #AC77E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC77E4
}
```

## Border

The CSS property to change the border of an element to Hex AC77E4 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
#AC77E4 }
```

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

```
.border{ border-color:#AC77E4 }
```

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

Here you see how a box with a 4 pixel #AC77E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC77E4; -webkit-box-shadow:4px 4px  
4px 4px #AC77E4; box-shadow:4px 4px 4px  
4px #AC77E4 }
```

# Background

The CSS property to change the background color of an element to Hex AC77E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC77E4 }
```

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

```
.background{ background-color:#AC77E4 }
```

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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