

# Converting Colors

Hex(AC71E7)

Have a look what the booklet for  
Hex(AC71E7) contains.

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# Color

**Hex(AC71E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC71E7
RGB	172, 113, 231
RGB Percent	67%, 44%, 91%
CMY	0.3255, 0.5569, 0.0941
CMYK	0.26, 0.51, 0.00, 0.09
HSL	270°, 71%, 67%
HSV	270°, 51%, 91%
XYZ	37.3422, 26.3504, 78.7193
YIQ	144.0930, -2.7140, 49.2060

# Conversions

## Conversions Part 2

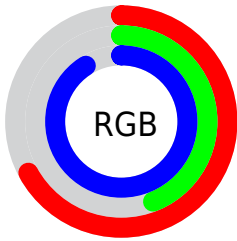
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 113, 231
Decimal	11301351
CIE <sub>Lab</sub>	58.37, 45.65, -51.28
CIE <sub>LCh</sub>	58, 68.658, 311.676
Yxy	26.3504, 0.2622, 0.1850
Android (android.graphics.Color)	4289491431 (0xFFAC71E7)
YUV	144.0930, 42.8452, 24.4744
Hunter-Lab	51.3327, 40.0185, -54.9891

# Details

The Hex color **AC71E7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ACE771**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E6A6FF**, and **743EAF** is the 20% darker color. If you saturate the color by 10%, you get **A05AE7**, and if you desaturate by 10%, it is **B888E7**.

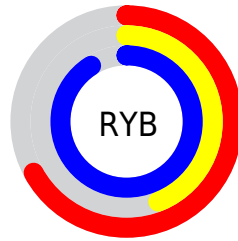
# Distribution



Red (67%)

Green (44%)

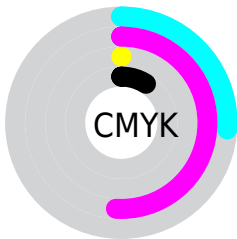
Blue (91%)



Red (67%)

Yellow (44%)

Blue (91%)

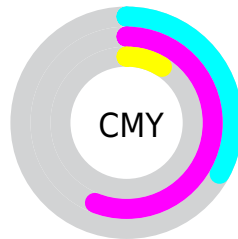


Cyan (26%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (56%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC71E7 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 AC71E7 by changing the saturation by 10% instead.



 AC71E7

 AC71E7

FFFFFF

 9057CB

 E6A6FF

 743EAF

 FFC2FF

 592594

 FFDEFF

 3E0979

 FFFBFF

 210060

 030047

 000430

 00011A

 000000

 AC71E7

 AC71E7

 A05AE7

 B888E7

 9543E7

 C39FE7

 892CE7

 CFB6E7

 7E15E7

 DACDE7

 7400E7

 E6E5E7

 F1FCE7

 FDFFE7

 FFFFE7

# Harmonies

## Analogous

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



198CFF



AC71E7



E555B4

# Triad

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



AC71E7



C67C00



00A8A3

# Complementary

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



AC71E7



ACE771

# 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.



00A564



AC71E7



939100

# Square

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



AC71E7



EA613F



4E9E27



00A6DB

# Rectangle

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



AC71E7



F54C8C



4E9E27



00A78E



# Sweetspot

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



AC71E7



ECD9FF



71ACE7



746980



000000



808080



# Same Dimension

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



AC71E7



B163FF



E771E7



6D6773



5900B3



1A0033



# Inverse Universe

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



E771AC



FF63B1



71E771



73676D



B30059



33001A



# Previews

## White Background



This preview shows how the Hex color AC71E7 looks on a white background.

## Color Contrast Check

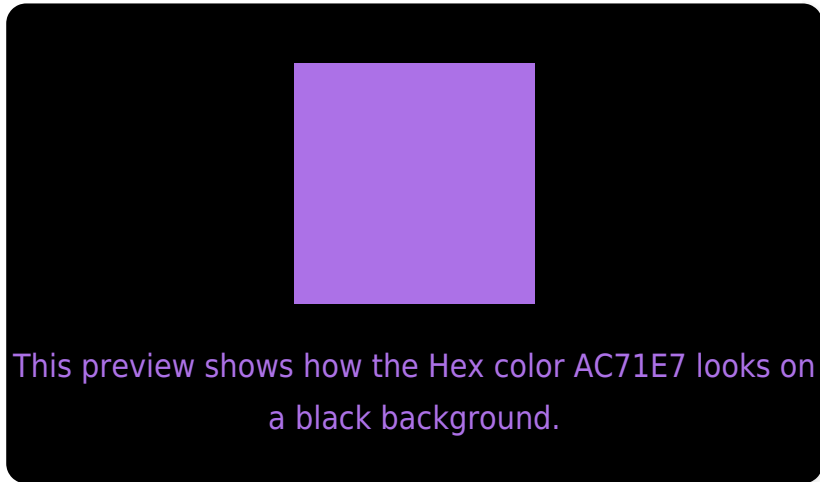
Large Text (above 18pt) WCAG AA ✓ Pass

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

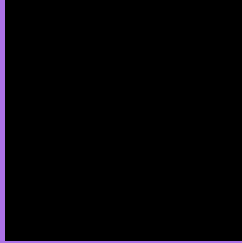
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC71E7 Background



This preview shows how black text looks on a background with the Hex color AC71E7.

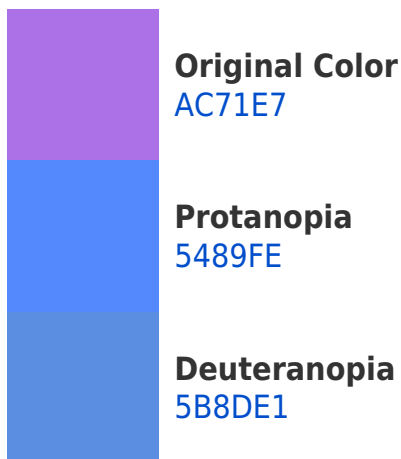



This preview shows how white text looks on a background with the Hex color AC71E7.

# 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](#).

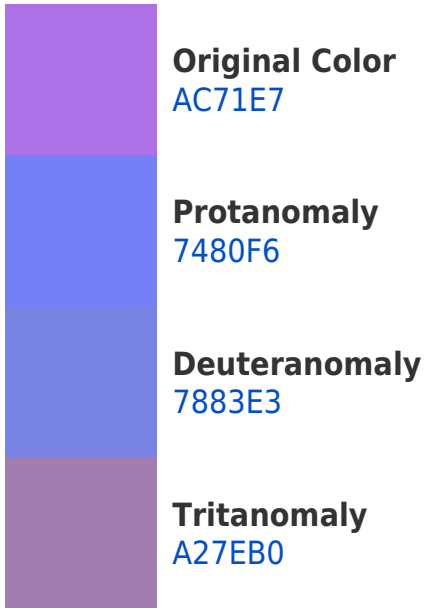
## Dichromacy



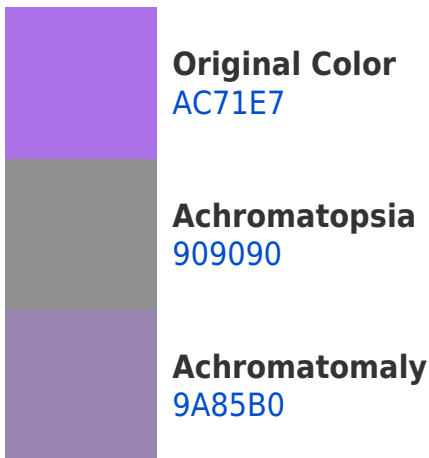


**Tritanopia**  
9D8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC71E7 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 #AC71E7 looks like.

```
.text, #text, p{  
    color:#AC71E7  
}
```

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 #AC71E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC71E7
}
```

## Border

The CSS property to change the border of an element to Hex AC71E7 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
#AC71E7 }
```

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

```
.border{ border-color:#AC71E7 }
```

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

Here you see how a box with a 4 pixel #AC71E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC71E7; -webkit-box-shadow:4px 4px  
4px 4px #AC71E7; box-shadow:4px 4px 4px  
4px #AC71E7 }
```

# Background

The CSS property to change the background color of an element to Hex AC71E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC71E7 }
```

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

```
.background{ background-color:#AC71E7 }
```

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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