

# Converting Colors

Hex(AC96F2)

Have a look what the booklet for  
Hex(AC96F2) contains.

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# Color

Hex(AC96F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	AC96F2
RGB	172, 150, 242
RGB Percent	67%, 59%, 95%
CMY	0.3255, 0.4118, 0.0510
CMYK	0.29, 0.38, 0.00, 0.05
HSL	254°, 78%, 77%
HSV	254°, 38%, 95%
XYZ	43.9466, 36.9942, 88.8287
YIQ	167.0660, -16.4200, 33.2760

# Conversions

## Conversions Part 2

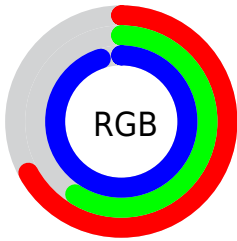
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 150, 242</a>
Decimal	<a href="#">11310834</a>
CIELab	<a href="#">67.27, 27.70, -43.31</a>
CIELCh	<a href="#">67, 51.407, 302.604</a>
Yxy	<a href="#">36.9942, 0.2589, 0.2179</a>
Android (android.graphics.Color)	<a href="#">4289500914 (0xFFAC96F2)</a>
YUV	<a href="#">167.0660, 36.9425, 4.3271</a>
Hunter-Lab	<a href="#">60.8228, 22.5326, -44.0142</a>

# Details

The Hex color **AC96F2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCF296**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E5CCFF**, and **7563B9** is the 20% darker color. If you saturate the color by 10%, you get **9A7EF2**, and if you desaturate by 10%, it is **BEAEF2**.

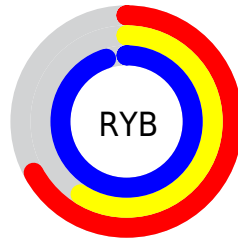
# Distribution



Red (67%)

Green (59%)

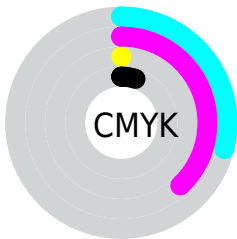
Blue (95%)



Red (67%)

Yellow (59%)

Blue (95%)

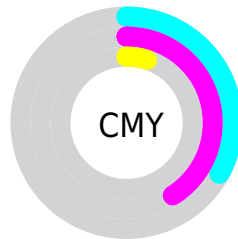


Cyan (29%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (41%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC96F2 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 AC96F2 by changing the saturation by 10% instead.



 AC96F2

 AC96F2

FFFFFF

 907CD5

 E5CCFF

 7563B9

 FFE9FF

 5A4B9E

 403484

 241E6A

 000A51

 00003A

 000223

 00000A

 AC96F2

 AC96F2

 9A7EF2

 BEAEF2

 8766F2

 D1C6F2

 754DF2

 E3DFF2

 6235F2

 F6F7F2

 501DF2

 FFFFF2

 3E05F2

 3A00F2

# Harmonies

## Analogous

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



55A7FF



AC96F2



E084CF

# Triad

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



AC96F2



E09252



00BBA6

# Complementary

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



AC96F2



DCF296

# 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.



4CB877



AC96F2



BBA343

# Square

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



AC96F2



F78274



8BB052



00BAD4

# Rectangle

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



AC96F2



F37DB1



8BB052



00BA96



# Sweetspot

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



AC96F2



EAE3FF



96DDF2



736F80



000000



808080



# Same Dimension

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



AC96F2



A68AFF



D996F2



6F6C78



2C00B8



0D0038



# Inverse Universe

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



F296DC



FF8AE3



AFF296



786C75



B8008C

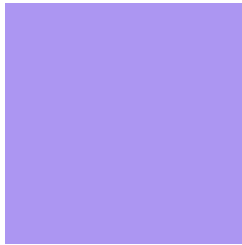


38002B



# Previews

## White Background



This preview shows how the Hex color AC96F2 looks on a white background.

## Color Contrast Check

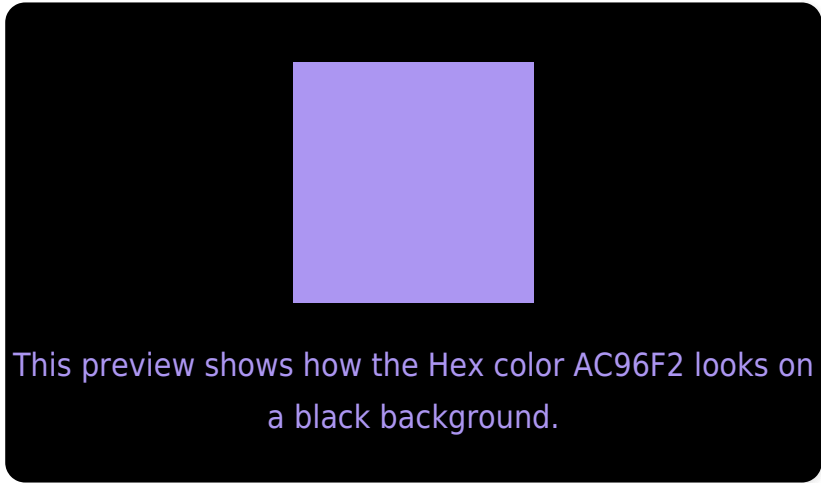
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex AC96F2 Background



This preview shows how black text looks on a background with the Hex color AC96F2.

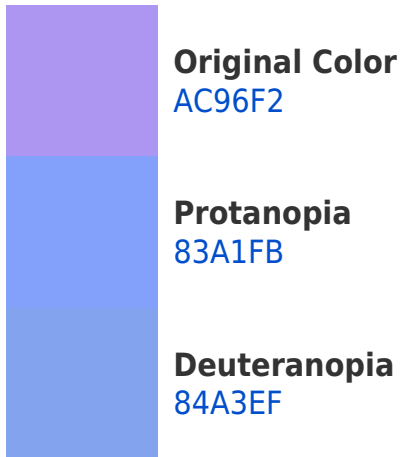


This preview shows how white text looks on a background with the Hex color AC96F2.

# 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**  
9FA4B1

# Trichromacy



**Original Color**  
AC96F2

**Protanomaly**  
929DF8

**Deuteranomaly**  
939EF0

**Tritanomaly**  
A49FC9

# Monochromacy



**Original Color**  
AC96F2

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A9A1C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC96F2 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 #AC96F2 looks like.

```
.text, #text, p{  
    color:#AC96F2  
}
```

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 #AC96F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC96F2
}
```

## Border

The CSS property to change the border of an element to Hex AC96F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

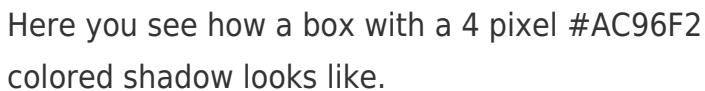
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC96F2 }
```

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

```
.border{ border-color:#AC96F2 }
```

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



Here you see how a box with a 4 pixel `#AC96F2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC96F2; -webkit-box-shadow:4px 4px  
4px 4px #AC96F2; box-shadow:4px 4px 4px  
4px #AC96F2 }
```

# Background

The CSS property to change the background color of an element to Hex AC96F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC96F2 }
```

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

```
.background{ background-color:#AC96F2 }
```

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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