

# Converting Colors

Hex(AC6FD6)

Have a look what the booklet for  
Hex(AC6FD6) contains.

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# Color

**Hex(AC6FD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC6FD6
RGB	172, 111, 214
RGB Percent	67%, 44%, 84%
CMY	0.3255, 0.5647, 0.1608
CMYK	0.20, 0.48, 0.00, 0.16
HSL	276°, 56%, 64%
HSV	276°, 48%, 84%
XYZ	34.8353, 24.9946, 66.6067
YIQ	140.9810, 3.2930, 44.9650

# Conversions

## Conversions Part 2

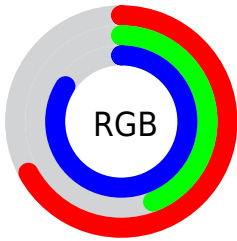
Format	Color
R <sub>Y</sub> B	172, 111, 214
Decimal	11300822
CIE Lab	57.07, 42.86, -43.80
CIE LCh	57, 61.280, 314.383
Yxy	24.9946, 0.2755, 0.1977
Android (android.graphics.Color)	4289490902 (0xFFAC6FD6)
YUV	140.9810, 35.9984, 27.2037
Hunter-Lab	49.9946, 36.8850, -43.9946

# Details

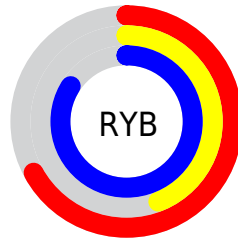
The Hex color **AC6FD6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **99D66F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E5A4FF**, and **753D9F** is the 20% darker color. If you saturate the color by 10%, you get **A35AD6**, and if you desaturate by 10%, it is **B584D6**.

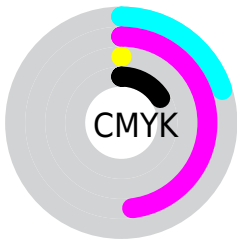
# Distribution



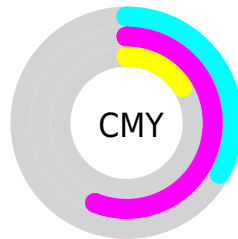
- Red (67%)
- Green (44%)
- Blue (84%)



- Red (67%)
- Yellow (44%)
- Blue (84%)



- Cyan (20%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (56%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC6FD6 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 AC6FD6 by changing the saturation by 10% instead.



 AC6FD6

 AC6FD6

FFFFFF

 9055BA

 E5A4FF

 753D9F

 FFC0FF

 5B2484

 FFDCFF

 40086A

 FFF9FF

 260052

 0D003A

 000223

 00000A

 000000

AC6FD6

AC6FD6

A35AD6

B584D6

9B44D6

BD9AD6

922FD6

C6AFD6

8919D6

CFC5D6

8004D6

D8DAD6

7F00D6

E0EFD6

E9FFD6

F2FFD6

FBFFD6

# Harmonies

## Analogous

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



4B86F1



AC6FD6



DB59A7

# Triad

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



AC6FD6



BA7C15



00A2A2

# Complementary

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



AC6FD6



99D66F

# 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.



00A06A



AC6FD6



8B8E0A

# Square

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



AC6FD6



DC6640



4D9A36



00A0D3

# Rectangle

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



AC6FD6



E85383



4D9A36



00A290



# Sweetspot

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



AC6FD6



F0DBFF



6F9AD6



776A80



000000



808080



# Same Dimension

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



AC6FD6



C36BFF



D66FCD



67606B



6500AB



1A002B



# Inverse Universe

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



D66F99



FF6BA7



6FD678



6B6065



AB0046



2B0012



# Previews

## White Background



This preview shows how the Hex color AC6FD6 looks on a white background.

## Color Contrast Check

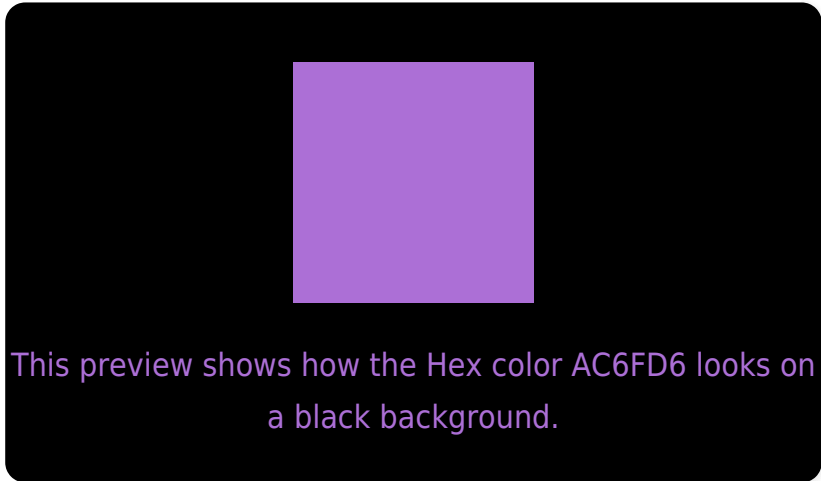
Large Text (above 18pt) WCAG AA ✓ Pass

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

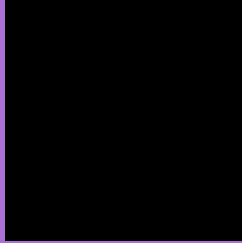
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC6FD6 Background



This preview shows how black text looks on a background with the Hex color AC6FD6.




This preview shows how white text looks on a background with the Hex color AC6FD6.

# 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**  
A0818B

# Trichromacy



**Original Color**  
AC6FD6



**Protanomaly**  
7A7EE3



**Deuteranomaly**  
7F80D3



**Tritanomaly**  
A47AA6

# Monochromacy



**Original Color**  
AC6FD6



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
9882A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC6FD6 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 #AC6FD6 looks like.

```
.text, #text, p{  
    color:#AC6FD6  
}
```

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 #AC6FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6FD6
}
```

## Border

The CSS property to change the border of an element to Hex AC6FD6 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
#AC6FD6 }
```

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

```
.border{ border-color:#AC6FD6 }
```

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

Here you see how a box with a 4 pixel #AC6FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6FD6; -webkit-box-shadow:4px 4px  
4px 4px #AC6FD6; box-shadow:4px 4px 4px  
4px #AC6FD6 }
```

# Background

The CSS property to change the background color of an element to Hex AC6FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6FD6 }
```

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

```
.background{ background-color:#AC6FD6 }
```

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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