

# Converting Colors

Hex(AAD7FF)

Have a look what the booklet for  
Hex(AAD7FF) contains.

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# **Color**

**Hex(AAD7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAD7FF
RGB	170, 215, 255
RGB Percent	67%, 84%, 100%
CMY	0.3333, 0.1569, 0.0000
CMYK	0.33, 0.16, 0.00, 0.00
HSL	208°, 100%, 83%
HSV	208°, 33%, 100%
XYZ	58.9280, 64.3669, 103.9260
YIQ	206.1050, -39.6600, 2.9000

# Conversions

## Conversions Part 2

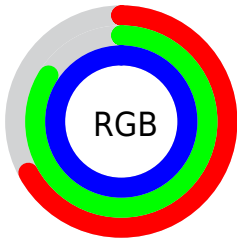
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	170, 199, 255
Decimal	11196415
CIE Lab	84.16, -5.36, -24.23
CIE LCh	84, 24.820, 257.527
Yxy	64.3669, 0.2593, 0.2833
Android (android.graphics.Color)	4289386495 (0xFFAAD7FF)
YUV	206.1050, 24.1052, -31.6641
Hunter-Lab	80.2290, -9.2929, -20.6420

# Details

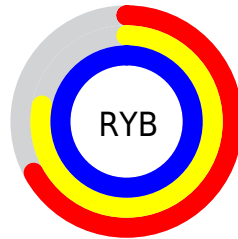
The Hex color **AAD7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD2AA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E3FFFF**, and **73A0C6** is the 20% darker color. If you saturate the color by 10%, you get **91CBFF**, and if you desaturate by 10%, it is **C3E3FF**.

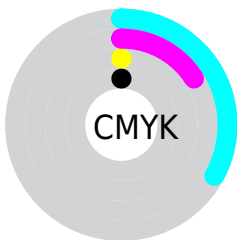
# Distribution



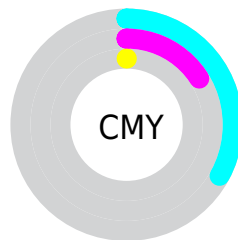
- Red (67%)
- Green (84%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAD7FF 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 AAD7FF by changing the saturation by 10% instead.



 AAD7FF

 AAD7FF

FFFFFF

 8EBBE2

 E3FFFF

 73A0C6

 5886AB

 3D6D90

 205576

 003E5E

 002846

 00142F

 00011A

 AAD7FF

 AAD7FF

 91CBFF

 C3E3FF

 77BFFF

 DDEFFF

 5EB3FF

 F7FBFF

 44A7FF

FFFFFF

 2A9BFF

 118FFF

 0087FF

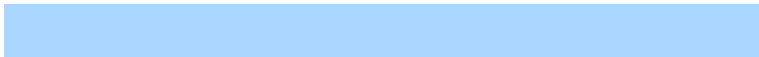
# Harmonies

## Analogous

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



94DDF4



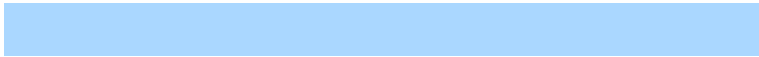
AAD7FF



C9CFFE

# Triad

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



AAD7FF



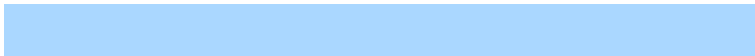
FFC2C5



BBDBB2

# Complementary

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



AAD7FF



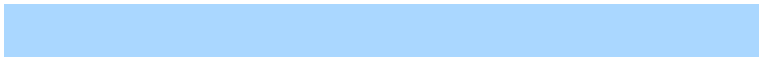
FFD2AA

# 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.



D5D5A5



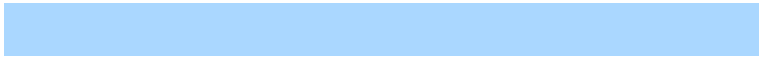
AAD7FF



FDC6B0

# Square

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



AAD7FF



FBC2DD



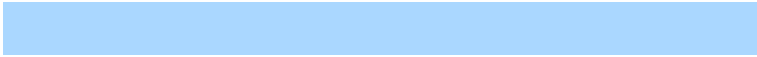
EDCDA5



A2DFC7

# Rectangle

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



AAD7FF



DDCAF7



EDCDA5

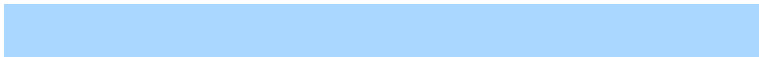


C4D9AC

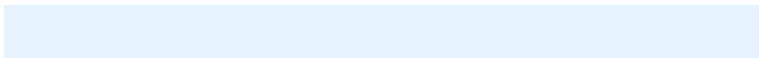


# Sweetspot

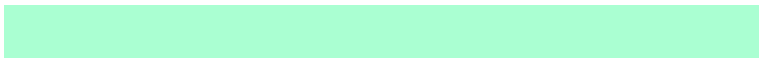
The Sweet Spot groups the original color and five complimentary colors.



AAD7FF



E6F3FF



AAFFD2



707880



000000

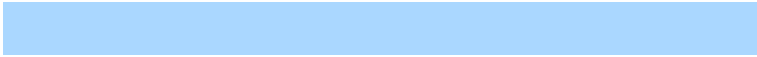


808080

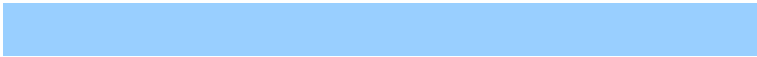


# Same Dimension

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



AAD7FF



99CFFF



AAADFF



737A80



0065BF



002240



# Inverse Universe

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



FFAAD7



FF99CF



FFCAA



80737A



BF0065

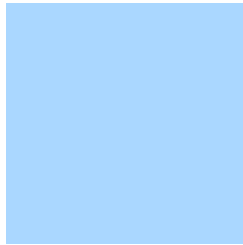


400022



# Previews

## White Background



This preview shows how the Hex color AAD7FF looks on a white background.

## Color Contrast Check

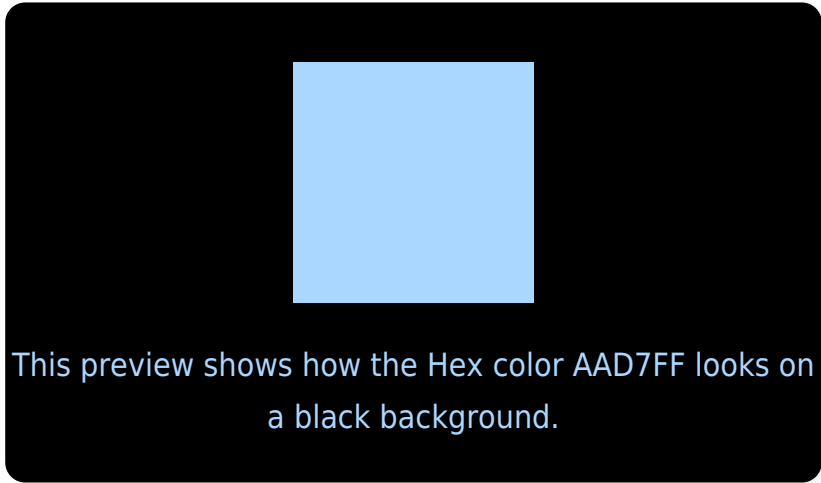
Large Text (above 18pt) WCAG AA × Fail

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

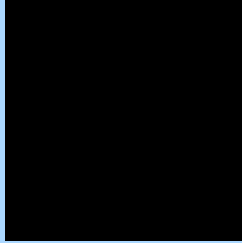
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

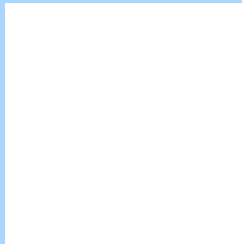
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAD7FF Background



This preview shows how black text looks on a background with the Hex color AAD7FF.

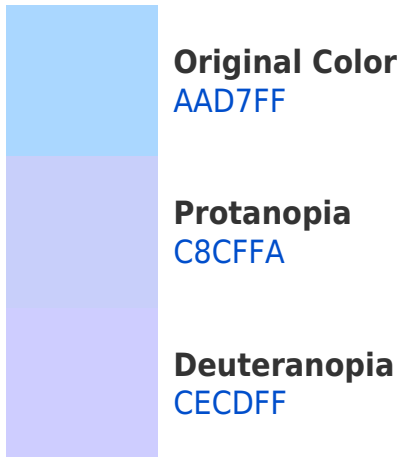


This preview shows how white text looks on a background with the Hex color AAD7FF.

# Color Blindness Simulation

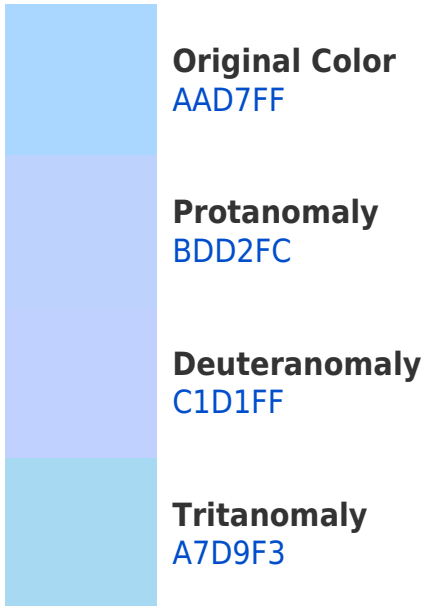
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

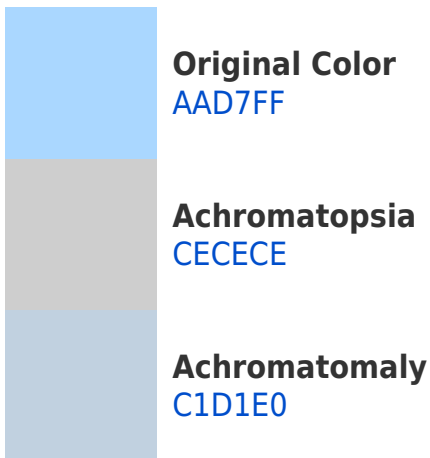




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAD7FF 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 #AAD7FF looks like.

```
.text, #text, p{  
    color:#AAD7FF  
}
```

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 #AAD7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAD7FF
}
```

## Border

The CSS property to change the border of an element to Hex AAD7FF 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
#AAD7FF }
```

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

```
.border{ border-color:#AAD7FF }
```

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

Here you see how a box with a 4 pixel #AAD7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAD7FF; -webkit-box-shadow:4px 4px  
4px 4px #AAD7FF; box-shadow:4px 4px 4px  
4px #AAD7FF }
```

# Background

The CSS property to change the background color of an element to Hex AAD7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAD7FF }
```

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

```
.background{ background-color:#AAD7FF }
```

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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