

# Converting Colors

Hex(A0CCFF)

Have a look what the booklet for  
Hex(A0CCFF) contains.

<b>Hex(A0CCFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A0CCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0CCFF
RGB	160, 204, 255
RGB Percent	63%, 80%, 100%
CMY	0.3725, 0.2000, 0.0000
CMYK	0.37, 0.20, 0.00, 0.00
HSL	212°, 100%, 81%
HSV	212°, 37%, 100%
XYZ	54.1401, 57.8793, 102.9261
YIQ	196.6580, -42.5950, 6.5330

# Conversions

## Conversions Part 2

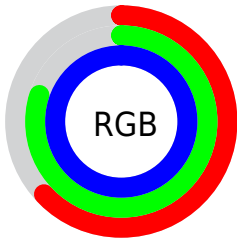
Format	Color
R <sub>Y</sub> B	160, 190, 255
Decimal	10538239
CIE Lab	80.67, -2.21, -29.61
CIE LCh	81, 29.692, 265.723
Yxy	57.8793, 0.2519, 0.2693
Android (android.graphics.Color)	4288728319 (0xFFA0CCFF)
YUV	196.6580, 28.7626, -32.1491
Hunter-Lab	76.0785, -6.1105, -26.9582

# Details

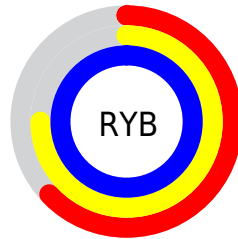
The Hex color **A0CCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD3A0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D9FFFF**, and **6996C6** is the 20% darker color. If you saturate the color by 10%, you get **86BEFF**, and if you desaturate by 10%, it is **BADAFF**.

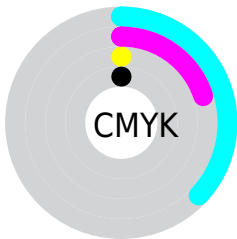
# Distribution



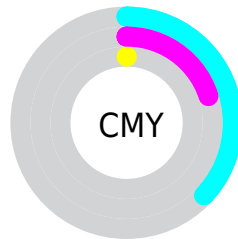
- Red (63%)
- Green (80%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0CCFF 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 A0CCFF by changing the saturation by 10% instead.



 A0CCFF

 A0CCFF

FFFFFF

 84B1E2

 D9FFFF

 6996C6

 F6FFFF

 4D7CAB

 316390

 0B4C76

 00355D

 002045

 00082F

 000119

 A0CCFF

 A0CCFF

 86BEFF

 BADAFF

 6DB1FF

 D3E7FF

 54A3FF

 EDF5FF

 3A95FF

FFFFFF

 2188FF

 077AFF

 0076FF

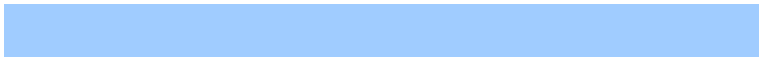
# Harmonies

## Analogous

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



7FD3F5



A0CCFF



C7C2FA

# Triad

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



A0CCFF



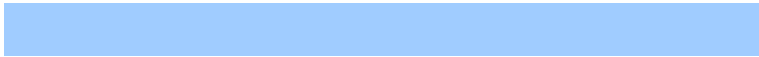
FFB5B1



A3D4A8

# Complementary

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



A0CCFF



FFD3A0

# 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.



C3CE96



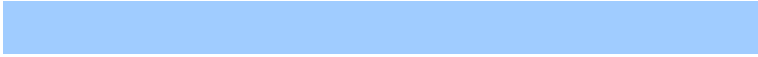
A0CCFF



F6BC9B

# Square

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



A0CCFF



FCB4CD



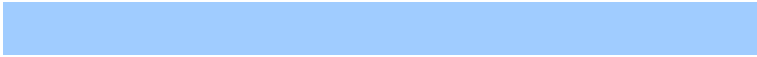
E0C591



86D8C3

# Rectangle

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



A0CCFF



DEBCEF



E0C591



AED2A1



# Sweetspot

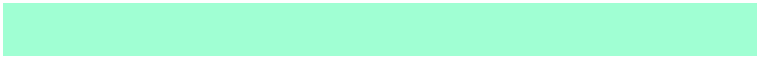
The Sweet Spot groups the original color and five complimentary colors.



A0CCFF



E3F0FF



A0FFD3



6F7780



000000

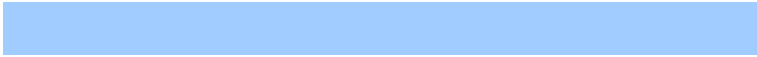


808080

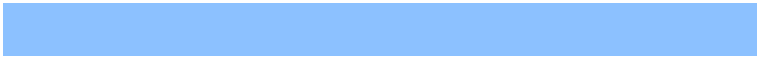


# Same Dimension

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



A0CCFF



8CC1FF



A3A0FF



737980



0059BF



001E40



# Inverse Universe

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



FFA0CC



FF8CC1



FCFFA0



807379



BF0059

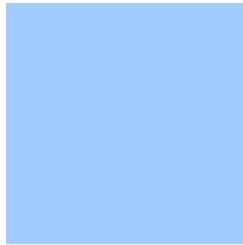


40001E



# Previews

## White Background



This preview shows how the Hex color A0CCFF looks on a white background.

## Color Contrast Check

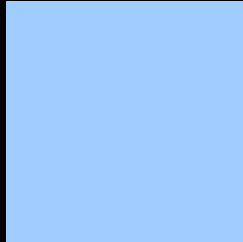
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A0CCFF looks on a 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

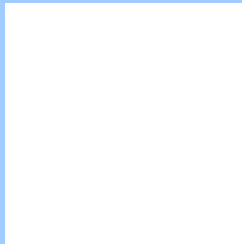
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0CCFF Background



This preview shows how black text looks on a background with the Hex color A0CCFF.

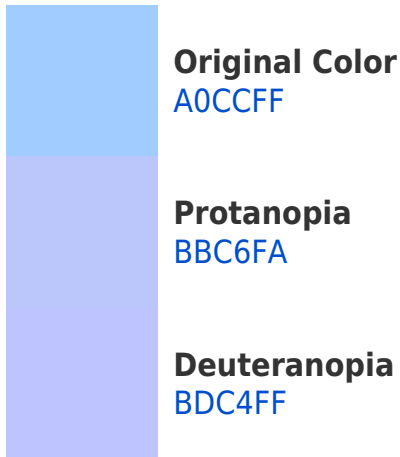


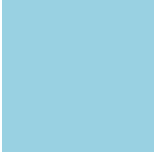
This preview shows how white text looks on a background with the Hex color A0CCFF.

# 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](#).

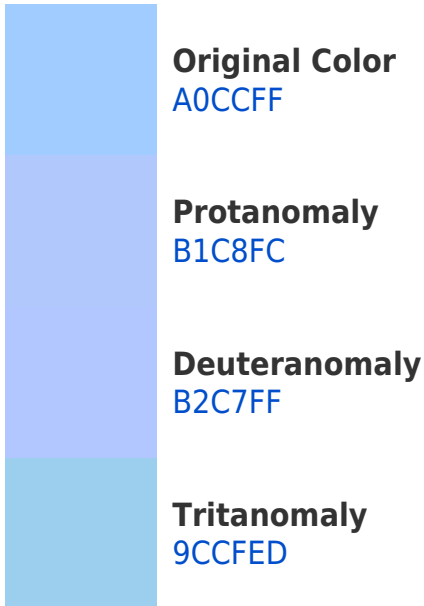
## Dichromacy



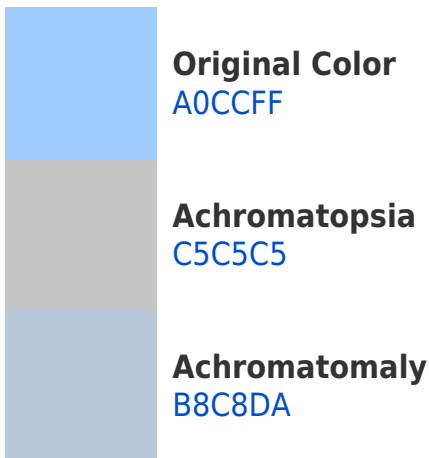


**Tritanopia**  
99D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0CCFF 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 #A0CCFF looks like.

```
.text, #text, p{  
    color:#A0CCFF  
}
```

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 #A0CCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0CCFF
}
```

## Border

The CSS property to change the border of an element to Hex A0CCFF 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
#A0CCFF }
```

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

```
.border{ border-color:#A0CCFF }
```

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

Here you see how a box with a 4 pixel #A0CCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0CCFF; -webkit-box-shadow:4px 4px  
4px 4px #A0CCFF; box-shadow:4px 4px 4px  
4px #A0CCFF }
```

# Background

The CSS property to change the background color of an element to Hex A0CCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0CCFF }
```

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

```
.background{ background-color:#A0CCFF }
```

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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