

# Converting Colors

Hex(A5CDFF)

Have a look what the booklet for  
Hex(A5CDFF) contains.

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# **Color**

**Hex(A5CDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5CDFF
RGB	165, 205, 255
RGB Percent	65%, 80%, 100%
CMY	0.3529, 0.1961, 0.0000
CMYK	0.35, 0.20, 0.00, 0.00
HSL	213°, 100%, 82%
HSV	213°, 35%, 100%
XYZ	55.3984, 58.8820, 103.0533
YIQ	198.7400, -39.8900, 7.0700

# Conversions

## Conversions Part 2

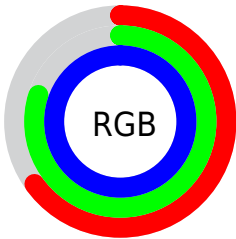
Format	Color
<a href="#">RYB</a>	<a href="#">165, 193, 255</a>
Decimal	<a href="#">10866175</a>
CIELab	<a href="#">81.23, -1.42, -28.73</a>
CIELCh	<a href="#">81, 28.768, 267.170</a>
Yxy	<a href="#">58.8820, 0.2549, 0.2709</a>
Android (android.graphics.Color)	<a href="#">4289056255 (0xFFA5CDFF)</a>
YUV	<a href="#">198.7400, 27.7362, -29.5900</a>
Hunter-Lab	<a href="#">76.7346, -5.4178, -25.9113</a>

# Details

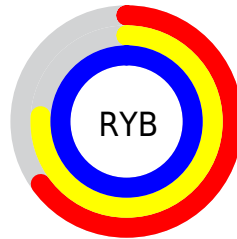
The Hex color **A5CDFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD7A5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **DEFFFF**, and **6E97C6** is the 20% darker color. If you saturate the color by 10%, you get **8CBFFF**, and if you desaturate by 10%, it is **BFDBFF**.

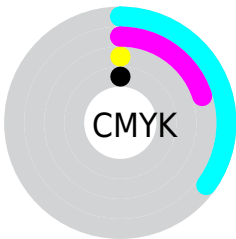
# Distribution



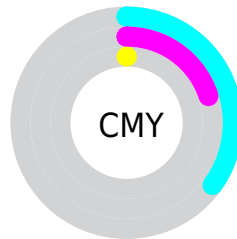
- Red (65%)
- Green (80%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5CDFF 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 A5CDFF by changing the saturation by 10% instead.



 A5CDDF

 A5CDDF

FFFFFF

 89B2E2

 DEFFFF

 6E97C6

 FBFFFF

 537DAB

 376490

 184D76

 00365D

 002145

 00092F

 00011A

 A5CDFF

 A5CDFF

 8CBFFF

 BFD8FF

 72B1FF

 D8E9FF

 59A3FF

 F2F8FF

 3F94FF

 FFFFFFFF

 2686FF

 0C78FF

 0071FF

# Harmonies

## Analogous

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



85D4F6



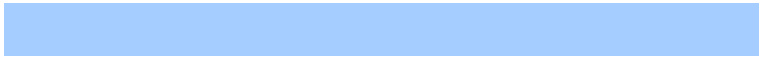
A5CDFF



CBC4FA

# Triad

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



A5CFFF



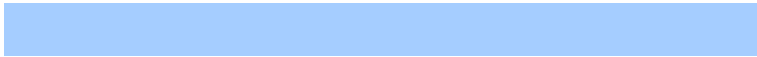
FFB8B2



A5D6AC

# Complementary

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



A5CFFF



FFD7A5

# 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.



C3D099



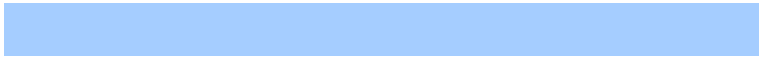
A5CDFF



F6BE9D

# Square

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



A5CDFE



FDB6CD



E0C794



89D9C6

# Rectangle

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



A5CFFF



E1BEEF



E0C794

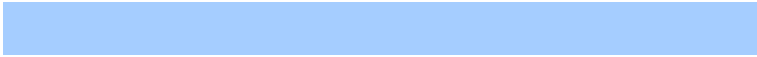


AFD4A4

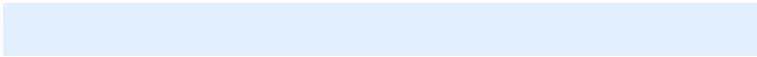


# Sweetspot

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



A5CDFE



E3EFFF



A5FFD6



6F7680



000000



808080



# Same Dimension

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



A5CDFF



94C4FF



AAA5FF



737880



0055BF



001C40



# Inverse Universe

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



FFA5CD



FF94C4



FBFFA5



807378



BF0055

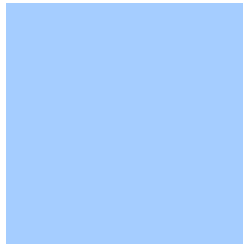


40001C



# Previews

## White Background



This preview shows how the Hex color A5CDFF looks on a white background.

## Color Contrast Check

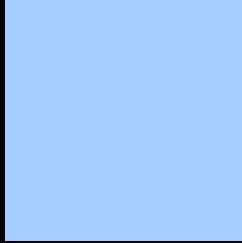
Large Text (above 18pt) WCAG AA × Fail

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 A5CDFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

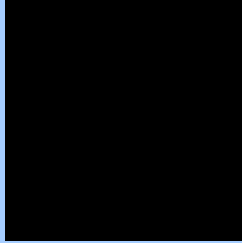
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

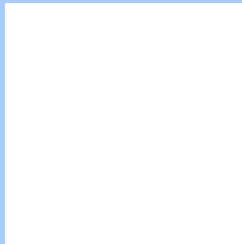
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5CDFF Background



This preview shows how black text looks on a background with the Hex color A5CDFF.



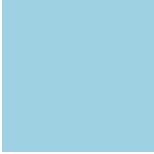
This preview shows how white text looks on a background with the Hex color A5CDFF.

# 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](#).

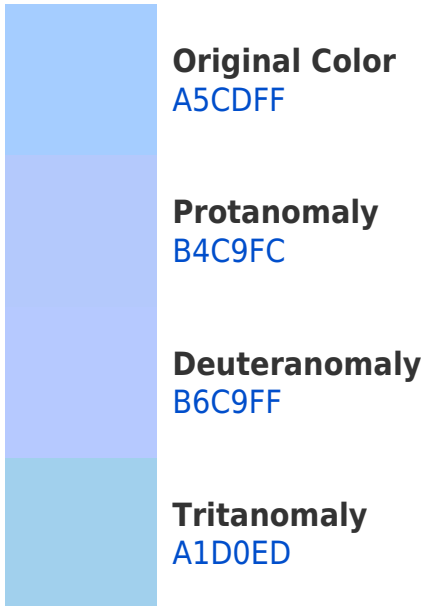
## Dichromacy



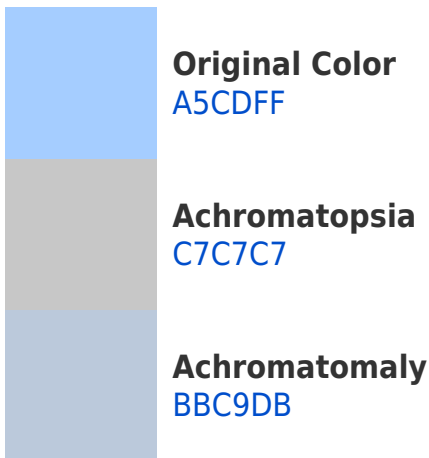


**Tritanopia**  
9ED2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5CDFF 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 #A5CDFF looks like.

```
.text, #text, p{  
    color:#A5CDFF  
}
```

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 #A5CDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5CDFF
}
```

## Border

The CSS property to change the border of an element to Hex A5CDFF 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
#A5CDFF }
```

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

```
.border{ border-color:#A5CDFF }
```

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

Here you see how a box with a 4 pixel #A5CDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5CDFF; -webkit-box-shadow:4px 4px  
4px 4px #A5CDFF; box-shadow:4px 4px 4px  
4px #A5CDFF }
```

# Background

The CSS property to change the background color of an element to Hex A5CDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5CDFF }
```

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

```
.background{ background-color:#A5CDFF }
```

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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