

# Converting Colors

Hex(8DACFF)

Have a look what the booklet for  
Hex(8DACFF) contains.

<b>Hex(8DACFF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DACFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DACFF
RGB	141, 172, 255
RGB Percent	55%, 67%, 100%
CMY	0.4471, 0.3255, 0.0000
CMYK	0.45, 0.33, 0.00, 0.00
HSL	224°, 100%, 78%
HSV	224°, 45%, 100%
XYZ	43.7870, 42.3878, 100.4816
YIQ	172.1930, -45.1190, 19.2410

# Conversions

## Conversions Part 2

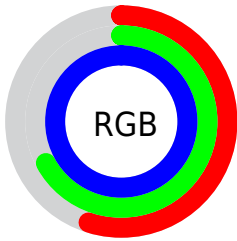
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 165, 255</a>
Decimal	<a href="#">9284863</a>
CIELab	<a href="#">71.14, 10.57, -44.48</a>
CIElCh	<a href="#">71, 45.720, 283.370</a>
Yxy	<a href="#">42.3878, 0.2346, 0.2271</a>
Android (android.graphics.Color)	<a href="#">4287474943 (0xFF8DACFF)</a>
YUV	<a href="#">172.1930, 40.8239, -27.3563</a>
Hunter-Lab	<a href="#">65.1059, 6.1150, -45.9315</a>

# Details

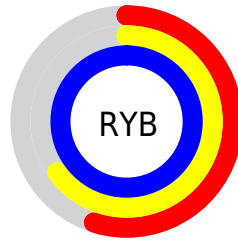
The Hex color **8DACFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE08D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7E3FF**, and **5478C6** is the 20% darker color. If you saturate the color by 10%, you get **7499FF**, and if you desaturate by 10%, it is **A7BFFF**.

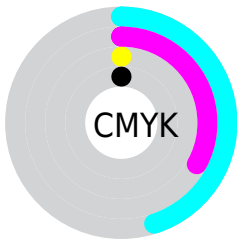
# Distribution



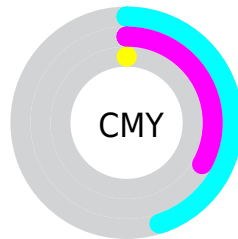
- Red (55%)
- Green (67%)
- Blue (100%)



- Red (55%)
- Yellow (65%)
- Blue (100%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DACFF 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 8DACFF by changing the saturation by 10% instead.



 8DACFF

 8DACFF

FFFFFF

 7092E2

 C7E3FF

 5478C6

 E4FFFF

 3560AA

 08488F

 003275

 001E5C

 000344

 00032D

 000117

 8DACFF

 8DACFF

 7499FF

 A7BFFF

 5A87FF

 C0D1FF

 4174FF

 DAE4FF

 2762FF

 F3F6FF

 0E4FFF

FFFFFF

 0045FF

# Harmonies

## Analogous

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



2DB9FD



8DACFF



CA9CEB

# Triad

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



8DACFF



F69577



4DC295

# Complementary

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



8DACFF



FFE08D

# 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.



88BC70



8DACFF



DCA45E

# Square

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



8DACFF



FE8D9D



B6B25B



00C4C0

# Rectangle

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



8DACFF



E693D4



B6B25B



63C187



# Sweetspot

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



8DACFF



DEE7FF



8DFFDF



6B7180



000000



808080



# Same Dimension

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



8DACFF



759BFF



A68DFF



737680



0034BF



001140



# Inverse Universe

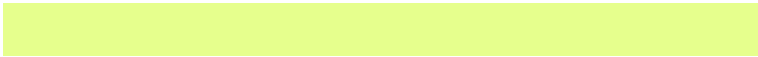
The Inverse Universe completely reimagines the original color for something new.



FF8DAC



FF759B



E6FF8D



807376



BF0034

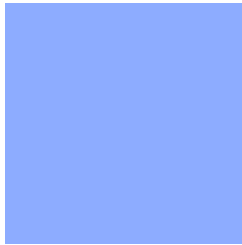


400011



# Previews

## White Background



This preview shows how the Hex color 8DACFF looks on a white background.

## Color Contrast Check

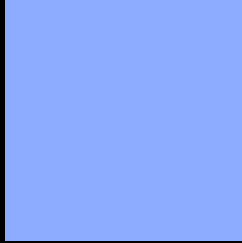
Large Text (above 18pt) WCAG AA × Fail

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 8DACFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

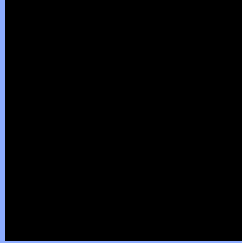
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

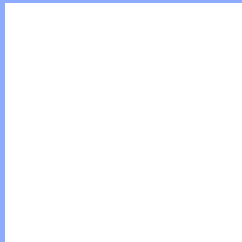
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DACFF Background



This preview shows how black text looks on a background with the Hex color 8DACFF.



This preview shows how white text looks on a background with the Hex color 8DACFF.

# 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](#).

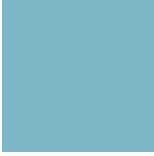
## Dichromacy



**Original Color**  
8DACFF

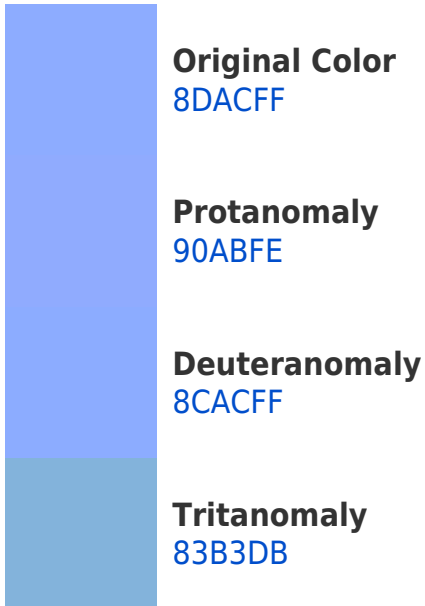
**Protanopia**  
92ABFE

**Deuteranopia**  
8BACFF

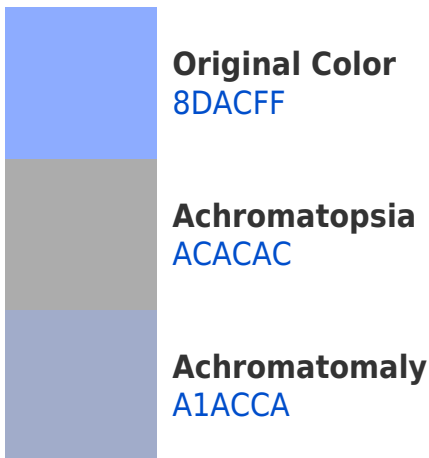


**Tritanopia**  
7DB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DACFF 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 #8DACFF looks like.

```
.text, #text, p{  
    color:#8DACFF  
}
```

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 #8DACFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DACFF
}
```

## Border

The CSS property to change the border of an element to Hex 8DACFF 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
#8DACFF }
```

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

```
.border{ border-color:#8DACFF }
```

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

Here you see how a box with a 4 pixel #8DACFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DACFF; -webkit-box-shadow:4px 4px  
4px 4px #8DACFF; box-shadow:4px 4px 4px  
4px #8DACFF }
```

# Background

The CSS property to change the background color of an element to Hex 8DACFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DACFF }
```

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

```
.background{ background-color:#8DACFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor