

# Converting Colors

Hex(4DA8FF)

Have a look what the booklet for  
Hex(4DA8FF) contains.

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# **Color**

**Hex(4DA8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA8FF
RGB	77, 168, 255
RGB Percent	30%, 66%, 100%
CMY	0.6980, 0.3412, 0.0000
CMYK	0.70, 0.34, 0.00, 0.00
HSL	209°, 100%, 65%
HSV	209°, 70%, 100%
XYZ	35.1132, 36.8030, 99.8608
YIQ	150.7090, -82.1630, 7.7650

# Conversions

## Conversions Part 2

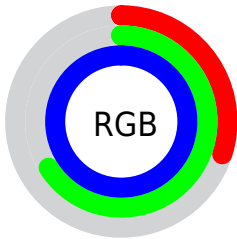
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 137, 255</a>
Decimal	<a href="#">5089535</a>
CIELab	<a href="#">67.13, 0.45, -50.99</a>
CIELCh	<a href="#">67, 50.992, 270.510</a>
Yxy	<a href="#">36.8030, 0.2044, 0.2142</a>
Android (android.graphics.Color)	<a href="#">4283279615 (0xFF4DA8FF)</a>
YUV	<a href="#">150.7090, 51.4155, -64.6428</a>
Hunter-Lab	<a href="#">60.6655, -2.8488, -55.1307</a>

# Details

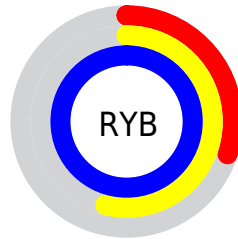
The Hex color **4DA8FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFA44D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **90DFFF**, and **0074C6** is the 20% darker color. If you saturate the color by 10%, you get **349CFF**, and if you desaturate by 10%, it is **67B4FF**.

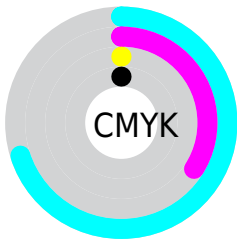
# Distribution



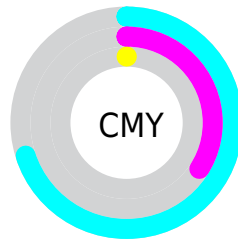
- Red (30%)
- Green (66%)
- Blue (100%)



- Red (30%)
- Yellow (54%)
- Blue (100%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA8FF 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 4DA8FF by changing the saturation by 10% instead.



 4DA8FF

 4DA8FF

FFFFFF

 1E8EE2

 90DFFF

 0074C6

 AFFBFF

 005CAA

 CEFFFF

 00458F

 EDFFFF

 003075

 001C5C

 000744

 00032D

 000117

■ 4DA8FF

■ 4DA8FF

■ 349CFF

■ 67B4FF

■ 1A8FFF

■ 80C1FF

■ 0183FF

■ 9ACDFF

■ 0082FF

■ B3DAFF

■ CDE6FF

■ E6F3FF

FFFFFF

# Harmonies

## Analogous

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



00B4F3



4DA8FF



A797F3

# Triad

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



4DA8FF



F78177



52B774

# Complementary

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



4DA8FF



FFA44D

# 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.



8FAE51



4DA8FF



E29054

# Square

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



4DA8FF



F77CA4



BDA144



00BAA3

# Rectangle

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



4DA8FF



CE8BDE



BDA144



69B467

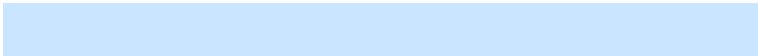


# Sweetspot

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



4DA8FF



C9E5FF



4DFFA3



607080



000000

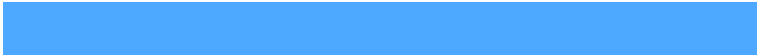


808080



# Same Dimension

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



4DA8FF



2996FF



4D50FF



737980



0062BF



002140



# Inverse Universe

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



FF4DA8



FF2996



FFFC4D



807379



BF0062



400021



# Previews

## White Background



This preview shows how the Hex color 4DA8FF looks on a white background.

## Color Contrast Check

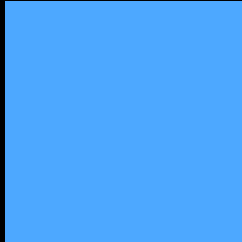
Large Text (above 18pt) WCAG AA × Fail

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 4DA8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

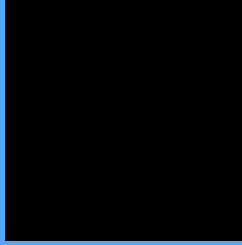
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

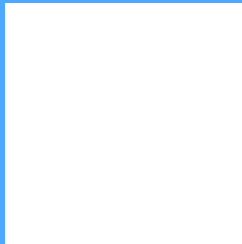
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4DA8FF Background



This preview shows how black text looks on a background with the Hex color 4DA8FF.

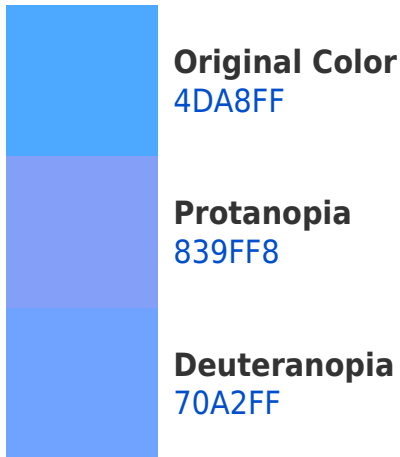


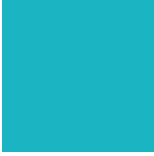
This preview shows how white text looks on a background with the Hex color 4DA8FF.

# 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



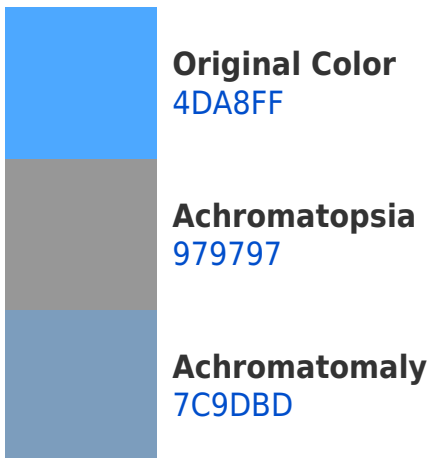


**Tritanopia**  
1AB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA8FF 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 #4DA8FF looks like.

```
.text, #text, p{  
    color:#4DA8FF  
}
```

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 #4DA8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA8FF
}
```

## Border

The CSS property to change the border of an element to Hex 4DA8FF 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
#4DA8FF }
```

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

```
.border{ border-color:#4DA8FF }
```

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

Here you see how a box with a 4 pixel #4DA8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA8FF; -webkit-box-shadow:4px 4px  
4px 4px #4DA8FF; box-shadow:4px 4px 4px  
4px #4DA8FF }
```

# Background

The CSS property to change the background color of an element to Hex 4DA8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA8FF }
```

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

```
.background{ background-color:#4DA8FF }
```

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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