

# Converting Colors

Hex(3DA9FF)

Have a look what the booklet for  
Hex(3DA9FF) contains.

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# **Color**

**Hex(3DA9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DA9FF
RGB	61, 169, 255
RGB Percent	24%, 66%, 100%
CMY	0.7608, 0.3373, 0.0000
CMYK	0.76, 0.34, 0.00, 0.00
HSL	207°, 100%, 62%
HSV	207°, 76%, 100%
XYZ	34.1624, 36.5880, 99.8694
YIQ	146.5120, -91.9740, 3.8500

# Conversions

## Conversions Part 2

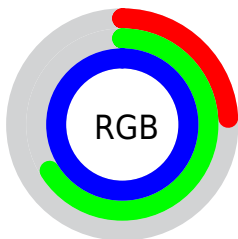
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 130, 255
Decimal	4041215
CIE Lab	66.97, -2.12, -51.28
CIE LCh	67, 51.319, 267.638
Yxy	36.5880, 0.2002, 0.2144
Android (android.graphics.Color)	4282231295 (0xFF3DA9FF)
YUV	146.5120, 53.4846, -74.9940
Hunter-Lab	60.4880, -5.0409, -55.5497

# Details

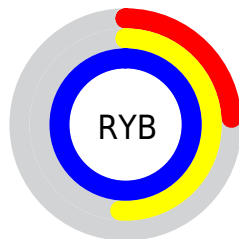
The Hex color **3DA9FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF933D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **85E0FF**, and **0075C6** is the 20% darker color. If you saturate the color by 10%, you get **239EFF**, and if you desaturate by 10%, it is **57B4FF**.

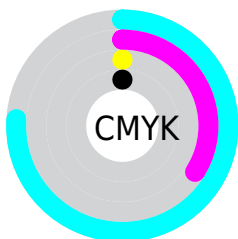
# Distribution



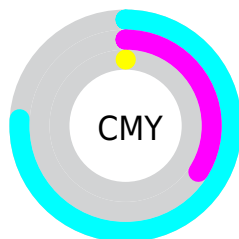
- Red (24%)
- Green (66%)
- Blue (100%)



- Red (24%)
- Yellow (51%)
- Blue (100%)



- Cyan (76%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DA9FF 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 3DA9FF by changing the saturation by 10% instead.



 3DA9FF

 3DA9FF

FFFFFF

 008FE2

 85E0FF

 0075C6

 A5FCFF

 005DAA

 C5FFFF

 00468F

 E4FFFF

 003075

 001D5C

 000744

 00032D

 000117

■ 3DA9FF

■ 3DA9FF

■ 239EFF

■ 57B4FF

■ 0A92FF

■ 70C0FF

■ 008EFF

■ 8ACBFF

■ A3D6FF

■ BDE2FF

■ D6EDFF

■ F0F8FF

FFFFFF

# Harmonies

## Analogous

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



00B4F0



3DA9FF



A098F5

# Triad

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



3DA9FF



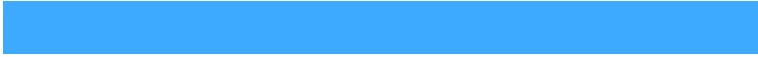
F87F7B



58B670

# Complementary

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



3DA9FF



FF933D

# 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.



93AD4D



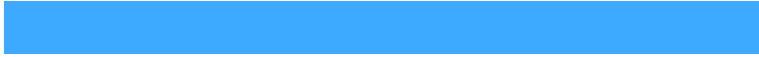
3DA9FF



E48E56

# Square

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



3DA9FF



F57CA9



C19F43



00BA9E

# Rectangle

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



3DA9FF



C98CE2



C19F43



6EB362

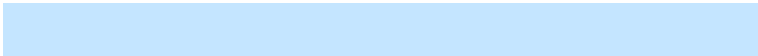


# Sweetspot

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



3DA9FF



C4E5FF



3DFF91



5C7080



000000



808080



# Same Dimension

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



3DA9FF



1798FF



3D4AFF



737A80



006ABF



002340



# Inverse Universe

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



FF3DA9



FF1798



FFF23D



80737A



BF006A



400023



# Previews

## White Background



This preview shows how the Hex color 3DA9FF looks on a white background.

## Color Contrast Check

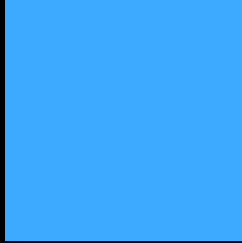
Large Text (above 18pt) WCAG AA × Fail

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 3DA9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

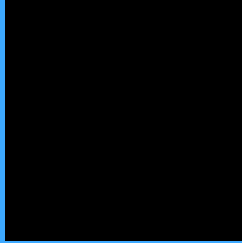
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

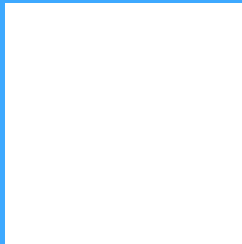
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DA9FF Background



This preview shows how black text looks on a background with the Hex color 3DA9FF.



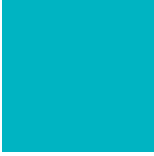
This preview shows how white text looks on a background with the Hex color 3DA9FF.

# 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](#).

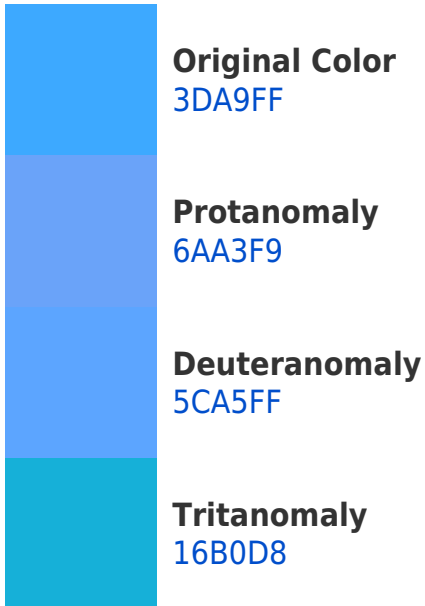
## Dichromacy



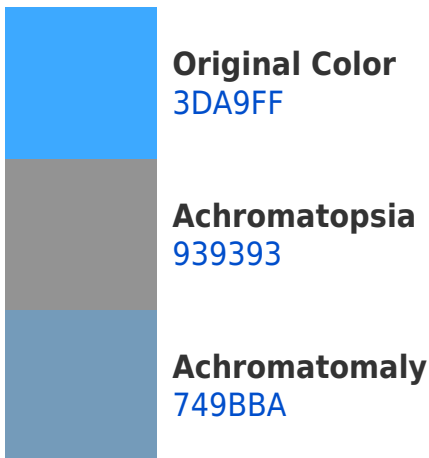


**Tritanopia**  
00B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DA9FF 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 #3DA9FF looks like.

```
.text, #text, p{  
    color:#3DA9FF  
}
```

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 #3DA9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA9FF
}
```

## Border

The CSS property to change the border of an element to Hex 3DA9FF 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
#3DA9FF }
```

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

```
.border{ border-color:#3DA9FF }
```

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

Here you see how a box with a 4 pixel #3DA9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA9FF; -webkit-box-shadow:4px 4px  
4px 4px #3DA9FF; box-shadow:4px 4px 4px  
4px #3DA9FF }
```

# Background

The CSS property to change the background color of an element to Hex 3DA9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA9FF }
```

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

```
.background{ background-color:#3DA9FF }
```

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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