

# Converting Colors

Hex(69D1FF)

Have a look what the booklet for  
Hex(69D1FF) contains.

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# **Color**

**Hex(69D1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69D1FF
RGB	105, 209, 255
RGB Percent	41%, 82%, 100%
CMY	0.5882, 0.1804, 0.0000
CMYK	0.59, 0.18, 0.00, 0.00
HSL	198°, 100%, 71%
HSV	198°, 59%, 100%
XYZ	46.6762, 55.8242, 102.9228
YIQ	183.1480, -76.7500, -7.7420

# Conversions

## Conversions Part 2

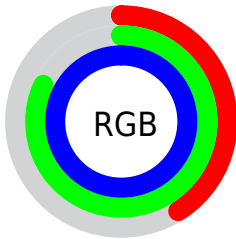
Format	Color
<a href="#">RYB</a>	105, 166, 255
Decimal	6935039
CIELab	79.51, -17.22, -31.60
CIELCh	80, 35.990, 241.416
Yxy	55.8242, 0.2272, 0.2718
Android (android.graphics.Color)	4285125119 (0xFF69D1FF)
YUV	183.1480, 35.4230, -68.5358
Hunter-Lab	74.7156, -19.2401, -29.3727

# Details

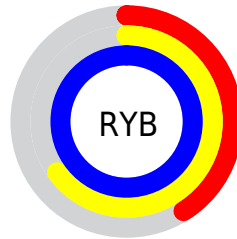
The Hex color **69D1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9769**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A7FFFF**, and **1A9BC6** is the 20% darker color. If you saturate the color by 10%, you get **50C9FF**, and if you desaturate by 10%, it is **83D9FF**.

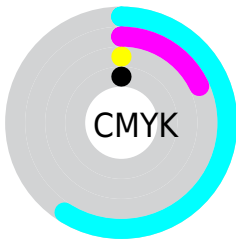
# Distribution



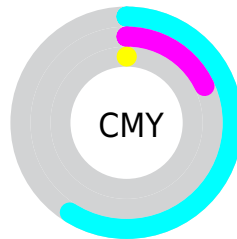
- Red (41%)
- Green (82%)
- Blue (100%)



- Red (41%)
- Yellow (65%)
- Blue (100%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69D1FF 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 69D1FF by changing the saturation by 10% instead.



 69D1FF

 69D1FF

FFFFFF

 47B5E2

 A7FFFF

 1A9BC6

 C5FFFF

 0080AB


 E3FFFF

 006790

 004F76

 00385D

 002345

 00042F

 000119

■ 69D1FF

■ 69D1FF

■ 50C9FF

■ 83D9FF

■ 36C1FF

■ 9CE1FF

■ 1CBAFF

■ B5E8FF

■ 03B2FF

■ CFF0FF

■ 00B1FF

■ E9F8FF

FFFFFF

# Harmonies

## Analogous

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



53D6E7



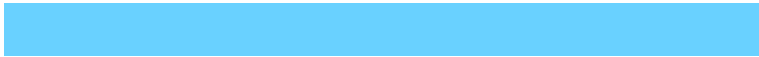
69D1FF



9AC8FF

# Triad

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



69D1FF



FFACC5



B7CD8B

# Complementary

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



69D1FF



FF9769

# 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.



DBC382



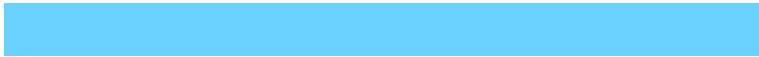
69D1FF



FFAFA4

# Square

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



69D1FF



F1B1E6



F7B88B



90D4A4

# Rectangle

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



69D1FF



BCC0FF



F7B88B



C3CA86

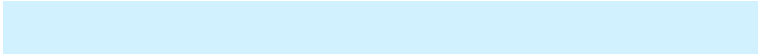


# Sweetspot

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



69D1FF



D1F1FF



69FF96



637780



000000



808080



# Same Dimension

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



69D1FF



4AC7FF



6987FF



737C80



0085BF



002C40



# Inverse Universe

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



FF69D1



FF4AC7



FFE169



80737C



BF0085

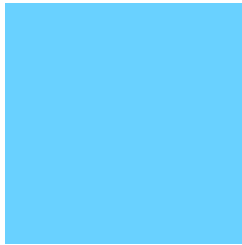


40002C



# Previews

## White Background



This preview shows how the Hex color 69D1FF looks on a white background.

## Color Contrast Check

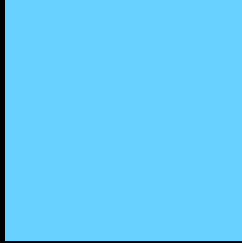
Large Text (above 18pt) WCAG AA × Fail

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 69D1FF 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

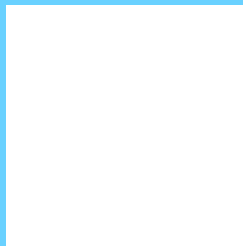
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69D1FF Background



This preview shows how black text looks on a background with the Hex color 69D1FF.

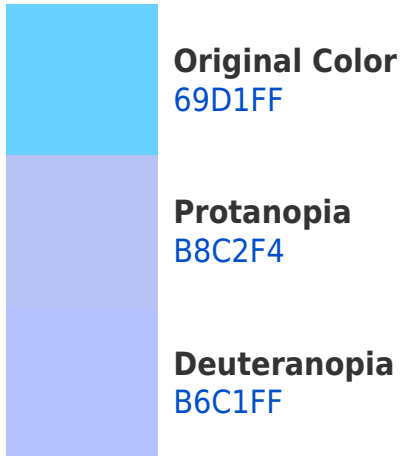


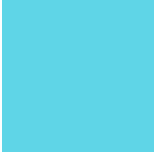
This preview shows how white text looks on a background with the Hex color 69D1FF.

# 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](#).

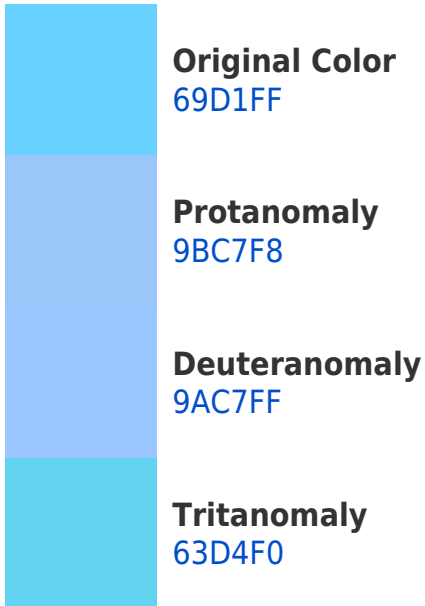
## Dichromacy



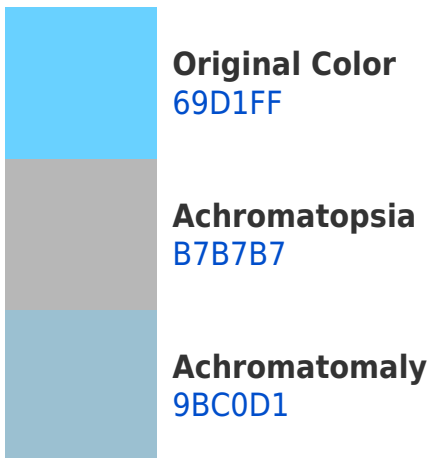


**Tritanopia**  
5FD5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69D1FF 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 #69D1FF looks like.

```
.text, #text, p{  
    color:#69D1FF  
}
```

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 #69D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D1FF
}
```

## Border

The CSS property to change the border of an element to Hex 69D1FF 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
#69D1FF }
```

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

```
.border{ border-color:#69D1FF }
```

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

Here you see how a box with a 4 pixel #69D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D1FF; -webkit-box-shadow:4px 4px  
4px 4px #69D1FF; box-shadow:4px 4px 4px  
4px #69D1FF }
```

# Background

The CSS property to change the background color of an element to Hex 69D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D1FF }
```

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

```
.background{ background-color:#69D1FF }
```

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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