

# Converting Colors

Hex(69B0FF)

Have a look what the booklet for  
Hex(69B0FF) contains.

<b>Hex(69B0FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(69B0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69B0FF
RGB	105, 176, 255
RGB Percent	41%, 69%, 100%
CMY	0.5882, 0.3098, 0.0000
CMYK	0.59, 0.31, 0.00, 0.00
HSL	212°, 100%, 71%
HSV	212°, 59%, 100%
XYZ	39.4010, 41.2739, 100.4977
YIQ	163.7770, -67.6750, 9.5170

# Conversions

## Conversions Part 2

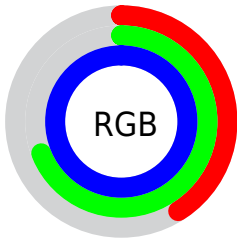
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 153, 255</a>
Decimal	<a href="#">6926591</a>
CIELab	<a href="#">70.37, 0.54, -45.82</a>
CIElCh	<a href="#">70, 45.822, 270.677</a>
Yxy	<a href="#">41.2739, 0.2175, 0.2278</a>
Android (android.graphics.Color)	<a href="#">4285116671 (0xFF69B0FF)</a>
YUV	<a href="#">163.7770, 44.9729, -51.5474</a>
Hunter-Lab	<a href="#">64.2448, -2.9551, -47.7757</a>

# Details

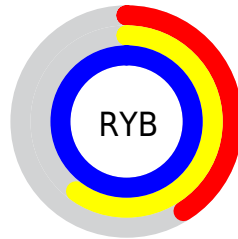
The Hex color **69B0FF** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **FFB869**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A6E7FF**, and **1E7CC6** is the 20% darker color. If you saturate the color by 10%, you get **50A3FF**, and if you desaturate by 10%, it is **83BDFF**.

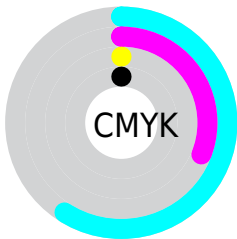
# Distribution



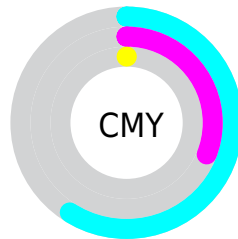
- Red (41%)
- Green (69%)
- Blue (100%)



- Red (41%)
- Yellow (60%)
- Blue (100%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69B0FF 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 69B0FF by changing the saturation by 10% instead.



 69B0FF

 69B0FF

FFFFFF

 4895E2

 A6E7FF

 1E7CC6

 C4FFFF

 0063AA

 E2FFFF

 004C8F

 003675

 00215C

 000844

 00032D

 000117

■ 69B0FF

■ 69B0FF

■ 50A3FF

■ 83BDFF

■ 3695FF

■ 9CCBFF

■ 1C88FF

■ B5D8FF

■ 037AFF

■ CFE6FF

■ 0079FF

■ E9F3FF

FFFFFF

# Harmonies

## Analogous

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



00BBF4



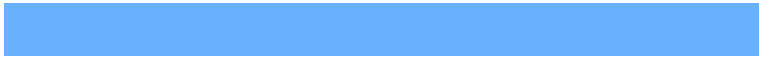
69B0FF



B1A1F4

# Triad

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



69B0FF



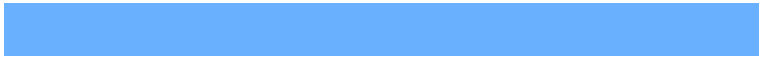
F98E84



66BE82

# Complementary

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



69B0FF



FFB869

# 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.



9AB662



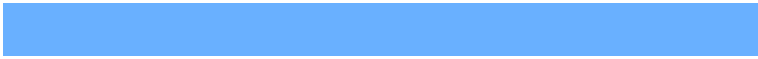
69B0FF



E69B64

# Square

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



69B0FF



F98AAD



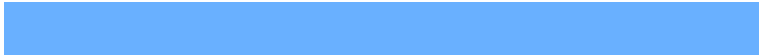
C5AA57



00C2AC

# Rectangle

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



69B0FF



D396E1



C5AA57

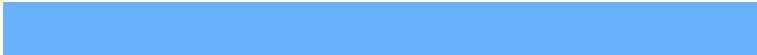


79BC76

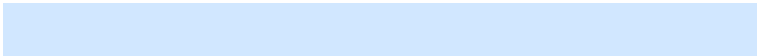


# Sweetspot

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



69B0FF



D1E7FF



69FFB6



637180



000000

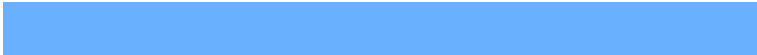


808080



# Same Dimension

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



69B0FF



4AA0FF



6B69FF



737980



005BBF



001E40



# Inverse Universe

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



FF69B0



FF4AA0



FDF669



807379



BF005B



40001E



# Previews

## White Background



This preview shows how the Hex color 69B0FF looks on a white background.

## Color Contrast Check

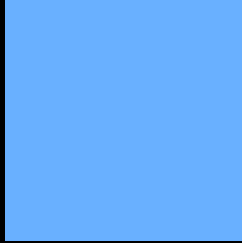
Large Text (above 18pt) WCAG AA × Fail

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 69B0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

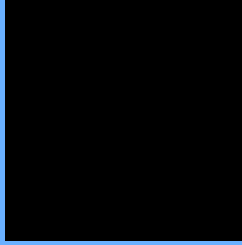
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

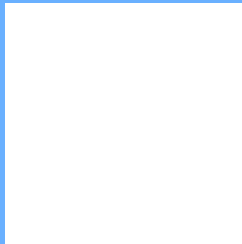
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69B0FF Background



This preview shows how black text looks on a background with the Hex color 69B0FF.

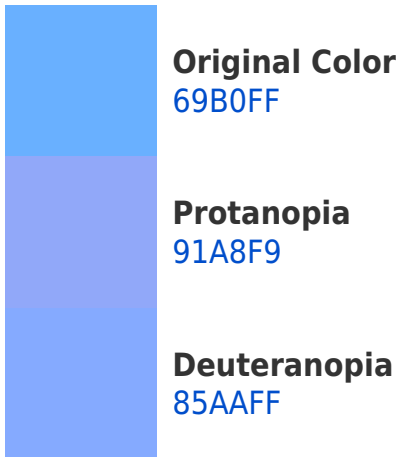


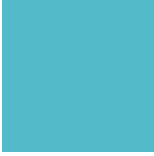
This preview shows how white text looks on a background with the Hex color 69B0FF.

# 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](#).

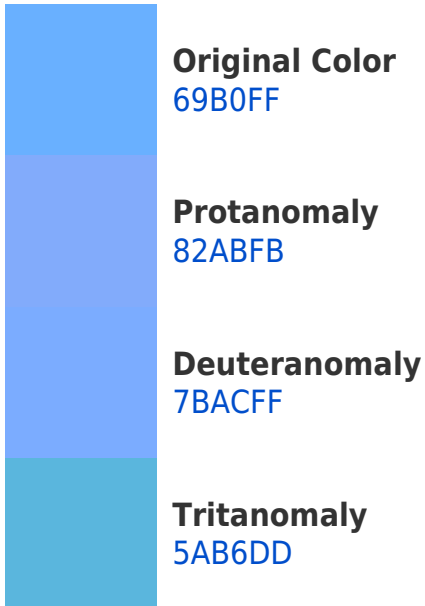
## Dichromacy



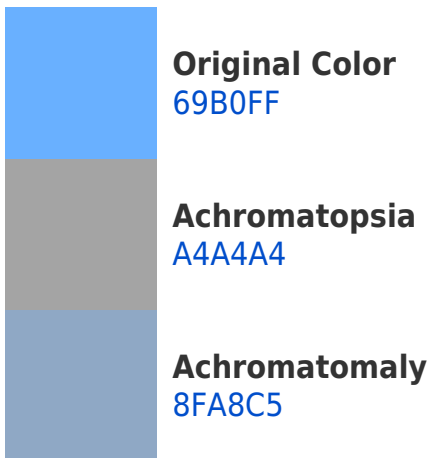


**Tritanopia**  
52BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69B0FF 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 #69B0FF looks like.

```
.text, #text, p{  
    color:#69B0FF  
}
```

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 #69B0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B0FF
}
```

## Border

The CSS property to change the border of an element to Hex 69B0FF 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
#69B0FF }
```

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

```
.border{ border-color:#69B0FF }
```

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

Here you see how a box with a 4 pixel #69B0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B0FF; -webkit-box-shadow:4px 4px  
4px 4px #69B0FF; box-shadow:4px 4px 4px  
4px #69B0FF }
```

# Background

The CSS property to change the background color of an element to Hex 69B0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B0FF }
```

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

```
.background{ background-color:#69B0FF }
```

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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