

# Converting Colors

Hex(8690FF)

Have a look what the booklet for  
Hex(8690FF) contains.

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# **Color**

**Hex(8690FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8690FF
RGB	134, 144, 255
RGB Percent	53%, 56%, 100%
CMY	0.4745, 0.4353, 0.0000
CMYK	0.47, 0.44, 0.00, 0.00
HSL	235°, 100%, 76%
HSV	235°, 47%, 100%
XYZ	37.8548, 32.2349, 98.8345
YIQ	153.6640, -41.5910, 32.4010

# Conversions

## Conversions Part 2

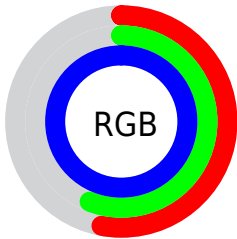
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 143, 255</a>
Decimal	<a href="#">8818943</a>
CIELab	<a href="#">63.54, 25.04, -56.52</a>
CIELCh	<a href="#">64, 61.816, 293.899</a>
Yxy	<a href="#">32.2349, 0.2241, 0.1908</a>
Android (android.graphics.Color)	<a href="#">4287009023</a> (0xFF8690FF)
YUV	<a href="#">153.6640, 49.9586, -17.2453</a>
Hunter-Lab	<a href="#">56.7757, 19.6559, -63.4683</a>

# Details

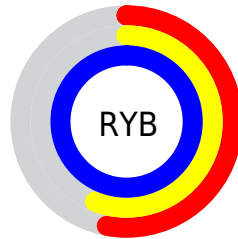
The Hex color **8690FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF586**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C0C6FF**, and **4A5EC6** is the 20% darker color. If you saturate the color by 10%, you get **6D79FF**, and if you desaturate by 10%, it is **A0A7FF**.

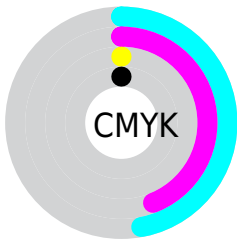
# Distribution



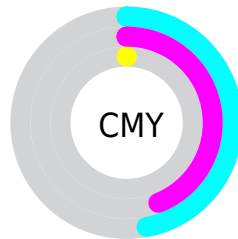
- Red (53%)
- Green (56%)
- Blue (100%)



- Red (53%)
- Yellow (56%)
- Blue (100%)



- Cyan (47%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8690FF 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 8690FF by changing the saturation by 10% instead.



 8690FF

 8690FF

FFFFFF

 6976E2

 C0C6FF

 4A5EC6

 DEE2FF

 2847AA

 FCFEFF

 00318F

 001C75

 00065B

 000743

 00032C

 000116

■ 8690FF

■ 8690FF

■ 6D79FF

■ A0A7FF

■ 5361FF

■ B9BFFF

■ 3A4AFF

■ D3D6FF

■ 2032FF

■ ECEEFF

■ 071BFF

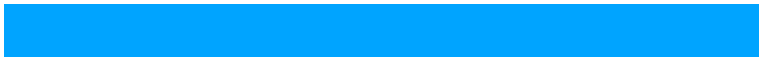
FFFFFF

■ 0015FF

# Harmonies

## Analogous

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



00A4FF



8690FF



D278DB

# Triad

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



8690FF



E87D41



00B38C

# Complementary

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



8690FF



FFF586

# 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.



42AE55



8690FF



C09320

# Square

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



8690FF



FD6A71



8BA42A



00B4C5

# Rectangle

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



8690FF



EE6BBA



8BA42A



00B279



# Sweetspot

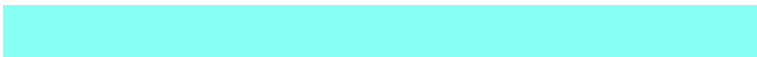
The Sweet Spot groups the original color and five complimentary colors.



8690FF



DBDEFF



86FFF5



6A6C80



000000



808080



# Same Dimension

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



8690FF



6E7AFF



B886FF



737480



0010BF



000540



# Inverse Universe

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



FF8690



FF6E7A



CDFF86



807374



BF0010

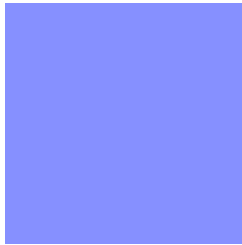


400005



# Previews

## White Background



This preview shows how the Hex color 8690FF looks on a white background.

## Color Contrast Check

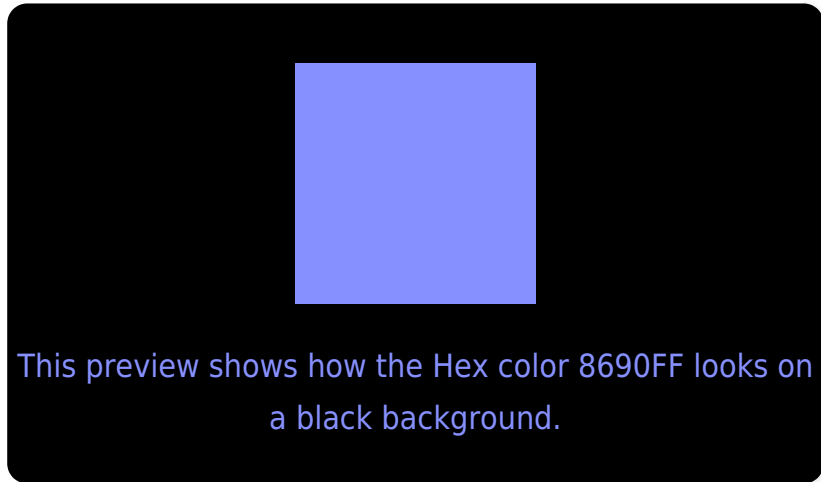
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 8690FF Background



This preview shows how black text looks on a background with the Hex color 8690FF.

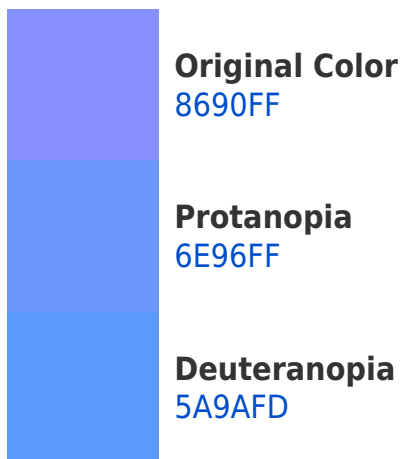


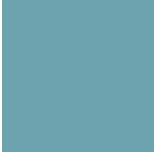
This preview shows how white text looks on a background with the Hex color 8690FF.

# 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](#).

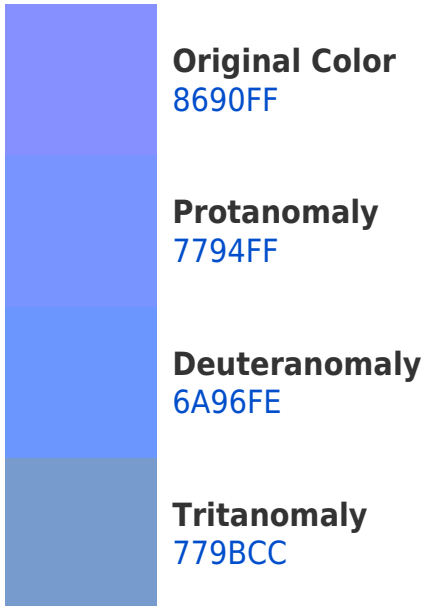
## Dichromacy



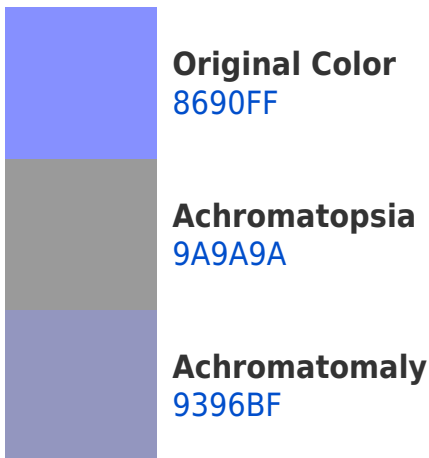


**Tritanopia**  
6FA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8690FF 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 #8690FF looks like.

```
.text, #text, p{  
    color:#8690FF  
}
```

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 #8690FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8690FF  
}
```

## Border

The CSS property to change the border of an element to Hex 8690FF 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  
#8690FF }
```

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

```
.border{ border-color:#8690FF }
```

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

Here you see how a box with a 4 pixel #8690FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8690FF; -webkit-box-shadow:4px 4px  
4px 4px #8690FF; box-shadow:4px 4px 4px  
4px #8690FF }
```

# Background

The CSS property to change the background color of an element to Hex 8690FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8690FF }
```

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

```
.background{ background-color:#8690FF }
```

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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