

# Converting Colors

Hex(809FC3)

Have a look what the booklet for  
Hex(809FC3) contains.

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# **Color**

**Hex(809FC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809FC3
RGB	128, 159, 195
RGB Percent	50%, 62%, 76%
CMY	0.4980, 0.3765, 0.2353
CMYK	0.34, 0.18, 0.00, 0.24
HSL	212°, 36%, 63%
HSV	212°, 34%, 76%
XYZ	31.1506, 33.3256, 56.4204
YIQ	153.8350, -30.0320, 4.6240

# Conversions

## Conversions Part 2

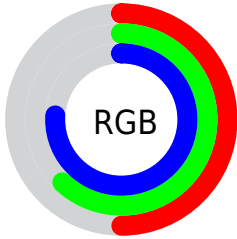
Format	Color
<a href="#">RYB</a>	<a href="#">128, 149, 195</a>
Decimal	<a href="#">8429507</a>
CIELab	<a href="#">64.42, -1.92, -21.98</a>
CIElCh	<a href="#">64, 22.063, 264.998</a>
Yxy	<a href="#">33.3256, 0.2577, 0.2757</a>
Android (android.graphics.Color)	<a href="#">4286619587 (0xFF809FC3)</a>
YUV	<a href="#">153.8350, 20.2943, -22.6573</a>
Hunter-Lab	<a href="#">57.7283, -4.7049, -17.5369</a>

# Details

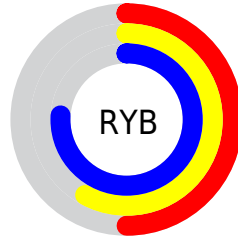
The Hex color **809FC3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A480**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6D6FC**, and **4C6C8D** is the 20% darker color. If you saturate the color by 10%, you get **6D95C3**, and if you desaturate by 10%, it is **94A9C3**.

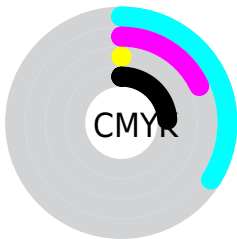
# Distribution



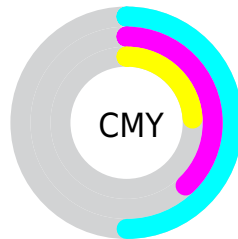
- Red (50%)
- Green (62%)
- Blue (76%)



- Red (50%)
- Yellow (58%)
- Blue (76%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (38%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809FC3 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 809FC3 by changing the saturation by 10% instead.



■ 809FC3

■ 809FC3

FFFFFF

■ 6685A8

■ B6D6FC

■ 4C6C8D

■ D3F2FF

■ 325474

■ EFFFFFF

■ 173D5B

■ 002743

■ 00122D

■ 000118

■ 000000

■ 809FC3

■ 809FC3

6D95C3

94A9C3

598AC3

A7B4C3

4680C3

BBBEC3

3275C3

CEC9C3

1F6BC3

E2D3C3

0B60C3

F5DEC3

005AC3

FFE8C3

FFF3C3

FFFDC3

# Harmonies

## Analogous

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



6AA4BC



809FC3



9B98C0

# Triad

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



809FC3



C58F8C



83A585

# Complementary

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



809FC3



C3A480

# 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.



99A078



809FC3



BD937D

# Square

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



809FC3



C18EA0



AE9A75



6FA798

# Rectangle

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



809FC3



AC94B8



AE9A75



8AA380

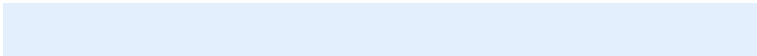


# Sweetspot

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



809FC3



E3EFC



80C3A4



707780



000000



808080



# Same Dimension

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



809FC3



95C5FC



8280C3



575C61



004AA1



000F21



# Inverse Universe

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



C3809F



FC95C5



C1C380



61575C



A1004A

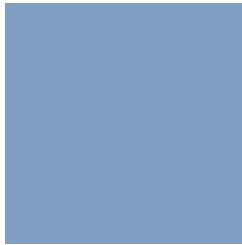


21000F



# Previews

## White Background



This preview shows how the Hex color 809FC3 looks on a white background.

## Color Contrast Check

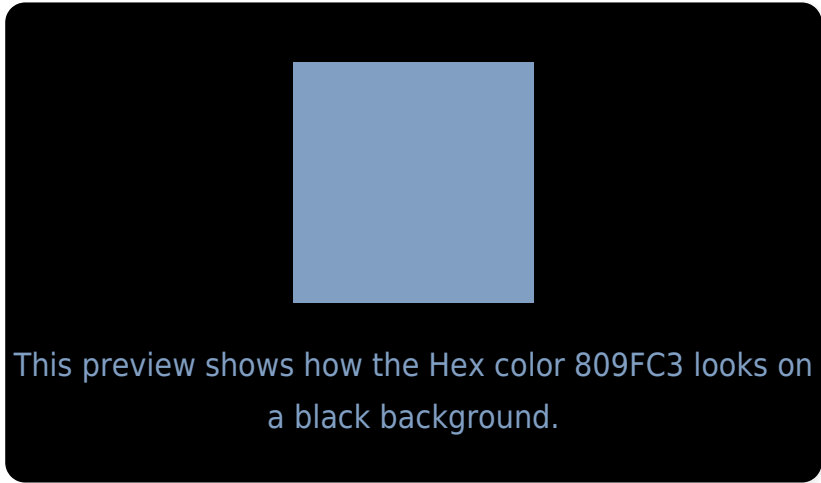
Large Text (above 18pt) WCAG AA × Fail

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

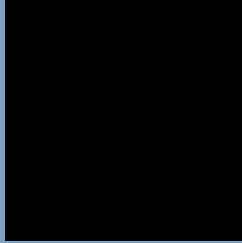
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

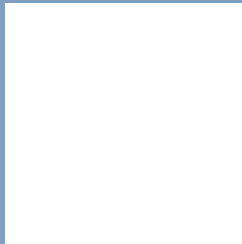
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 809FC3 Background



This preview shows how black text looks on a background with the Hex color 809FC3.

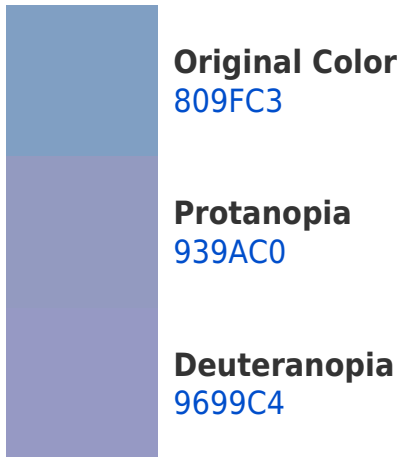


This preview shows how white text looks on a background with the Hex color 809FC3.

# 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](#).

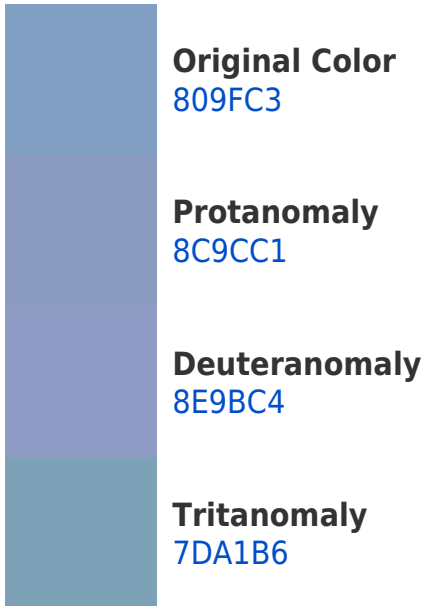
## Dichromacy



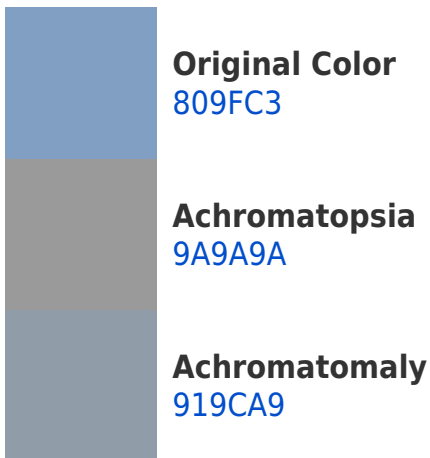


**Tritanopia**  
7BA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809FC3 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 #809FC3 looks like.

```
.text, #text, p{  
    color:#809FC3  
}
```

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 #809FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809FC3  
}
```

## Border

The CSS property to change the border of an element to Hex 809FC3 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  
#809FC3 }
```

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

```
.border{ border-color:#809FC3 }
```

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

Here you see how a box with a 4 pixel #809FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809FC3; -webkit-box-shadow:4px 4px  
4px 4px #809FC3; box-shadow:4px 4px 4px  
4px #809FC3 }
```

# Background

The CSS property to change the background color of an element to Hex 809FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809FC3 }
```

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

```
.background{ background-color:#809FC3 }
```

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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