

# Converting Colors

Hex(7FB4F9)

Have a look what the booklet for  
Hex(7FB4F9) contains.

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# **Color**

**Hex(7FB4F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB4F9
RGB	127, 180, 249
RGB Percent	50%, 71%, 98%
CMY	0.5020, 0.2941, 0.0235
CMYK	0.49, 0.28, 0.00, 0.02
HSL	214°, 91%, 74%
HSV	214°, 49%, 98%
XYZ	42.1725, 43.9941, 95.8915
YIQ	172.0190, -53.7370, 10.2230

# Conversions

## Conversions Part 2

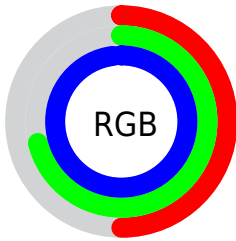
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 164, 249</a>
Decimal	<a href="#">8369401</a>
CIELab	<a href="#">72.22, 1.08, -39.60</a>
CIELCh	<a href="#">72, 39.610, 271.563</a>
Yxy	<a href="#">43.9941, 0.2316, 0.2416</a>
Android (android.graphics.Color)	<a href="#">4286559481 (0xFF7FB4F9)</a>
YUV	<a href="#">172.0190, 37.9516, -39.4817</a>
Hunter-Lab	<a href="#">66.3280, -2.5806, -39.2869</a>

# Details

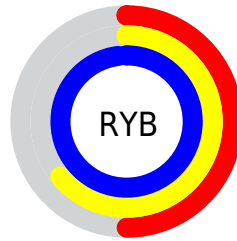
The Hex color **7FB4F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C47F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B9ECFF**, and **4480C0** is the 20% darker color. If you saturate the color by 10%, you get **66A6F9**, and if you desaturate by 10%, it is **98C2F9**.

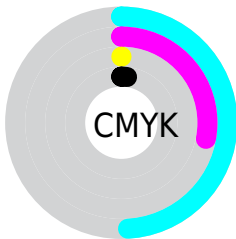
# Distribution



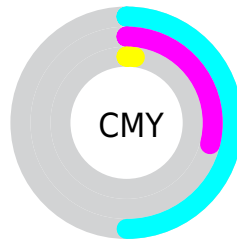
- Red (50%)
- Green (71%)
- Blue (98%)



- Red (50%)
- Yellow (64%)
- Blue (98%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (29%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB4F9 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 7FB4F9 by changing the saturation by 10% instead.



 7FB4F9

 7FB4F9

FFFFFF

 6299DC

 B9ECFF

 4480C0

 D6FFFF

 1F67A5

 F4FFFF


 004F8A

 003870

 002458

 000D40

 000329

 000113

 7FB4F9

 7FB4F9

 66A6F9

 98C2F9

 4D98F9

 B1D0F9

 348AF9

 CADEF9

 1B7CF9

 E3ECF9

 036EF9

 FCFAF9

 006CF9

 FFFFF9

# Harmonies

## Analogous

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



3BBEFO



7FB4F9



B8A7EF

# Triad

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



7FB4F9



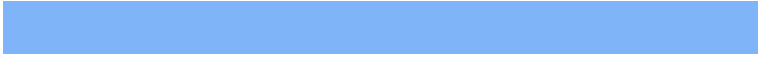
F6988D



75C18D

# Complementary

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



7FB4F9



F9C47F

# 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.



A1BA72



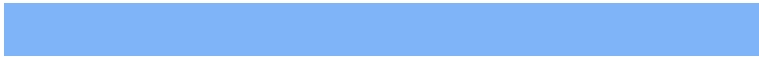
7FB4F9



E5A372

# Square

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



7FB4F9



F595B1



C7B068



42C4B2

# Rectangle

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



7FB4F9



D59EDE



C7B068



85BF83

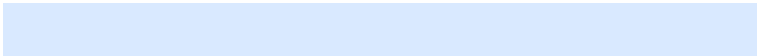


# Sweetspot

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



7FB4F9



D9E9FF



7FF9C2



697380



000000

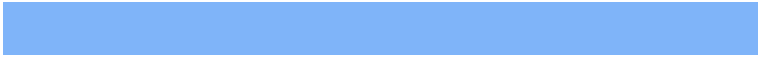


808080

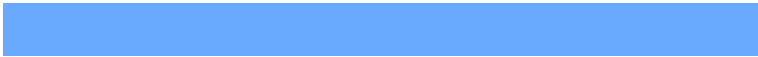


# Same Dimension

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



7FB4F9



69AAFF



857FF9



70767D



0052BD



001B3D



# Inverse Universe

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



F97FB4



FF69AA



F3F97F



7D7076



BD0052

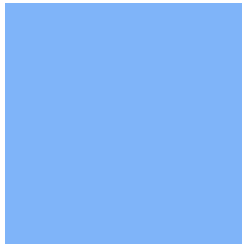


3D001B



# Previews

## White Background



This preview shows how the Hex color 7FB4F9 looks on a white background.

## Color Contrast Check

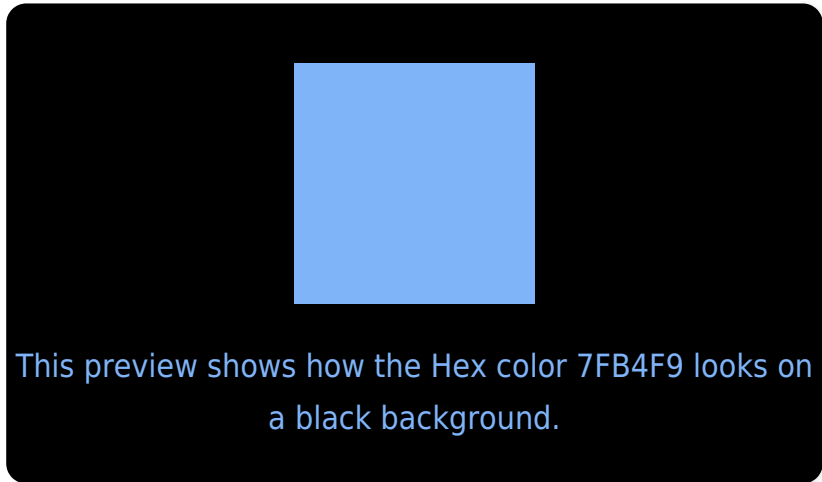
Large Text (above 18pt) WCAG AA × Fail

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

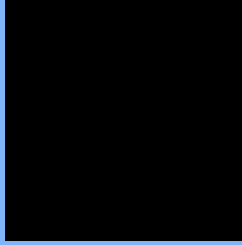
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

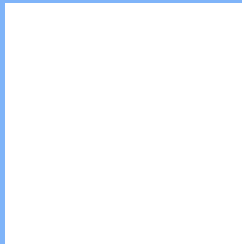
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FB4F9 Background



This preview shows how black text looks on a background with the Hex color 7FB4F9.



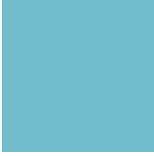
This preview shows how white text looks on a background with the Hex color 7FB4F9.

# Color Blindness Simulation

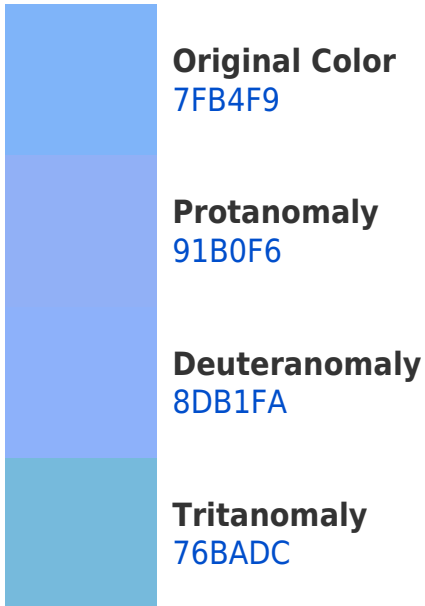
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

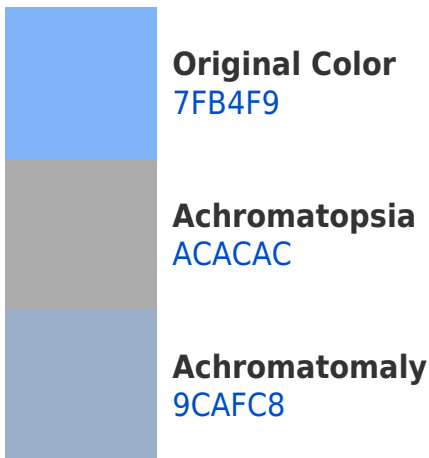




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB4F9 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 #7FB4F9 looks like.

```
.text, #text, p{  
    color:#7FB4F9  
}
```

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 #7FB4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB4F9
}
```

## Border

The CSS property to change the border of an element to Hex 7FB4F9 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
#7FB4F9 }
```

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

```
.border{ border-color:#7FB4F9 }
```

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

Here you see how a box with a 4 pixel #7FB4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB4F9; -webkit-box-shadow:4px 4px  
4px 4px #7FB4F9; box-shadow:4px 4px 4px  
4px #7FB4F9 }
```

# Background

The CSS property to change the background color of an element to Hex 7FB4F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB4F9 }
```

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

```
.background{ background-color:#7FB4F9 }
```

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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