

# Converting Colors

Hex(7B9DFF)

Have a look what the booklet for  
Hex(7B9DFF) contains.

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# **Color**

**Hex(7B9DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B9DFF
RGB	123, 157, 255
RGB Percent	48%, 62%, 100%
CMY	0.5176, 0.3843, 0.0000
CMYK	0.52, 0.38, 0.00, 0.00
HSL	225°, 100%, 74%
HSV	225°, 52%, 100%
XYZ	38.2753, 35.5449, 99.4513
YIQ	158.0060, -51.7220, 23.2700

# Conversions

## Conversions Part 2

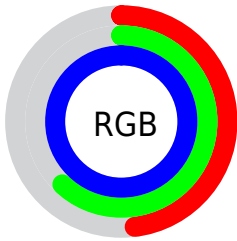
Format	Color
R <sub>Y</sub> B	123, 150, 255
Decimal	8101375
CIE Lab	66.17, 15.05, -52.38
CIE LCh	66, 54.494, 286.027
Yxy	35.5449, 0.2209, 0.2051
Android (android.graphics.Color)	4286291455 (0xFF7B9DFF)
YUV	158.0060, 47.8180, -30.7003
Hunter-Lab	59.6195, 10.2616, -57.1679

# Details

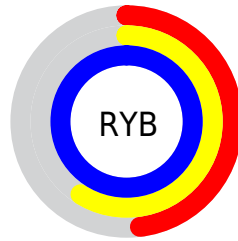
The Hex color **7B9DFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDD7B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6D3FF**, and **3D6AC6** is the 20% darker color. If you saturate the color by 10%, you get **628AFF**, and if you desaturate by 10%, it is **95B0FF**.

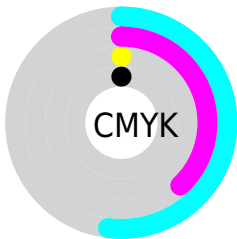
# Distribution



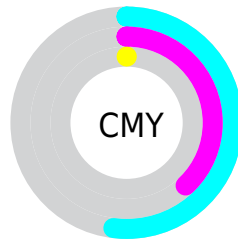
- Red (48%)
- Green (62%)
- Blue (100%)



- Red (48%)
- Yellow (59%)
- Blue (100%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9DFF 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 7B9DFF by changing the saturation by 10% instead.



 7B9DFF

 7B9DFF

FFFFFF

 5D83E2

 B6D3FF

 3D6AC6

 D4EFFF

 0F52AA

 F2FFFF

 003C8F

 002775

 00145C

 000743

 00032C

 000117

 7B9DFF

 7B9DFF

 628AFF

 95B0FF

 4877FF

 AEC3FF

 2F64FF

 C8D6FF

 1551FF

 E1E9FF

 0042FF

 FBFCFF

 FFFFFFFF

# Harmonies

## Analogous

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



00ADFF



7B9DFF



C589E5

# Triad

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



7B9DFF



EF845C



00B888

# Complementary

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



7B9DFF



FFDD7B

# 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.



6BB25A



7B9DFF



D0963F

# Square

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



7B9DFF



FC7788



A3A63D



00B9BA

# Rectangle

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



7B9DFE



E57DCA



A3A63D



33B677



# Sweetspot

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



7B9DFF



D6E1FF



7BFFDC



676E80



000000



808080



# Same Dimension

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



7B9DFF



618AFF



9A7BFF



737680



0031BF



001040



# Inverse Universe

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



FF7B9D



FF618A



E0FF7B



807376



BF0031



400010



# Previews

## White Background



This preview shows how the Hex color 7B9DFF looks on a white background.

## Color Contrast Check

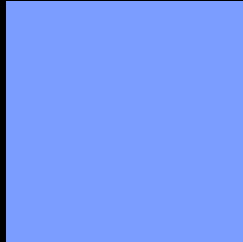
Large Text (above 18pt) WCAG AA × Fail

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 7B9DFF 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 7B9DFF Background



This preview shows how black text looks on a background with the Hex color 7B9DFF.



This preview shows how white text looks on a background with the Hex color 7B9DFF.

# 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](#).

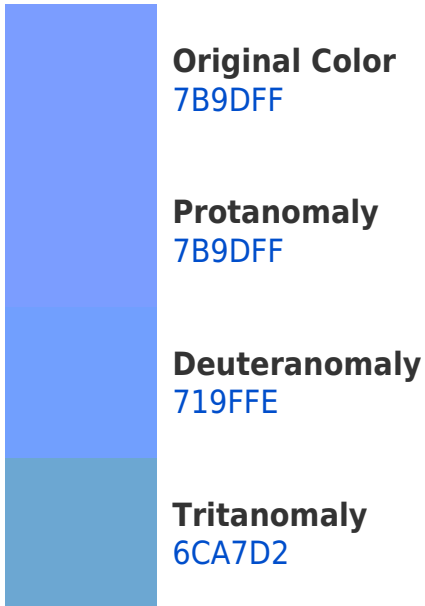
## Dichromacy





**Tritanopia**  
64ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9DFF 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 #7B9DFF looks like.

```
.text, #text, p{  
    color:#7B9DFF  
}
```

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 #7B9DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9DFF
}
```

## Border

The CSS property to change the border of an element to Hex 7B9DFF 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
#7B9DFF }
```

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

```
.border{ border-color:#7B9DFF }
```

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

Here you see how a box with a 4 pixel #7B9DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9DFF; -webkit-box-shadow:4px 4px  
4px 4px #7B9DFF; box-shadow:4px 4px 4px  
4px #7B9DFF }
```

# Background

The CSS property to change the background color of an element to Hex 7B9DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9DFF }
```

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

```
.background{ background-color:#7B9DFF }
```

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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