

# Converting Colors

Hex(8297F6)

Have a look what the booklet for  
Hex(8297F6) contains.

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# **Color**

**Hex(8297F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8297F6
RGB	130, 151, 246
RGB Percent	51%, 59%, 96%
CMY	0.4902, 0.4078, 0.0353
CMYK	0.47, 0.39, 0.00, 0.04
HSL	229°, 87%, 74%
HSV	229°, 47%, 96%
XYZ	36.9071, 33.5329, 91.7161
YIQ	155.5510, -43.0110, 25.0930

# Conversions

## Conversions Part 2

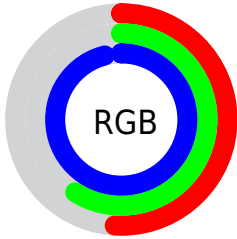
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 148, 246</a>
Decimal	<a href="#">8558582</a>
CIELab	<a href="#">64.59, 17.41, -49.93</a>
CIElCh	<a href="#">65, 52.881, 289.217</a>
Yxy	<a href="#">33.5329, 0.2276, 0.2068</a>
Android (android.graphics.Color)	<a href="#">4286748662 (0xFF8297F6)</a>
YUV	<a href="#">155.5510, 44.5914, -22.4082</a>
Hunter-Lab	<a href="#">57.9076, 12.4278, -53.3703</a>

# Details

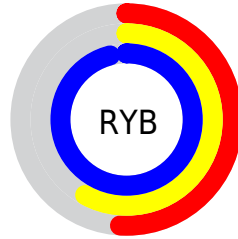
The Hex color **8297F6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F6E182**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BCCDFF**, and **4765BD** is the 20% darker color. If you saturate the color by 10%, you get **6983F6**, and if you desaturate by 10%, it is **9BABF6**.

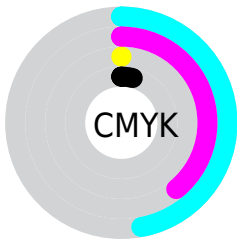
# Distribution



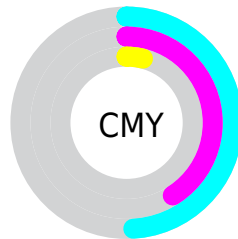
- Red (51%)
- Green (59%)
- Blue (96%)



- Red (51%)
- Yellow (58%)
- Blue (96%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (41%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8297F6 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 8297F6 by changing the saturation by 10% instead.



 8297F6

 8297F6

FFFFFF

 657DD9

 BCCDFF

 4765BD

 D9E9FF

 264DA2

 F7FFFF

 003787

 00226D

 000E54

 00063C

 000226

 00010E

 8297F6

 8297F6

 6983F6

 9BABF6

 516FF6

 B3BFF6

 385BF6

 CCD3F6

 2046F6

 E4E8F6

 0732F6

 FDFCF6

 002DF6

 FFFFF6

# Harmonies

## Analogous

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



00A7F9



8297F6



C684DB

# Triad

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



8297F6



E68257



00B389

# Complementary

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



8297F6



F6E182

# 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.



62AE5C



8297F6



C6943C

# Square

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



8297F6



F47580



9AA33E



00B4BA

# Rectangle

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



8297F6



E279BF



9AA33E



25B279



# Sweetspot

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



8297F6



DBE2FF



82F6E1



6A6E80



000000



808080



# Same Dimension

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



8297F6



6E88FF



A782F6



6E707A



0022BA



000B3B



# Inverse Universe

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



F68297



FF6E88



D1F682



7A6E70



BA0022

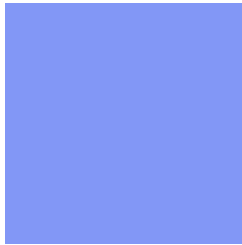


3B000B



# Previews

## White Background



This preview shows how the Hex color 8297F6 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

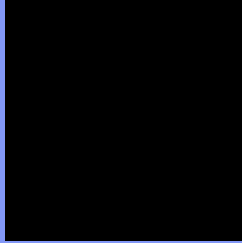
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8297F6 Background



This preview shows how black text looks on a background with the Hex color 8297F6.



This preview shows how white text looks on a background with the Hex color 8297F6.

# 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



**Original Color**  
8297F6

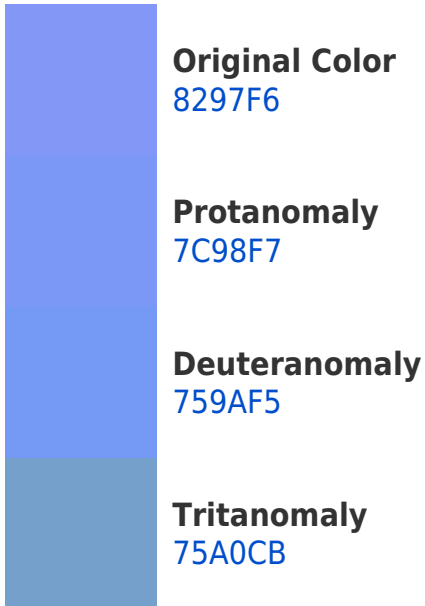
**Protanopia**  
7899F8

**Deuteranopia**  
6D9CF5

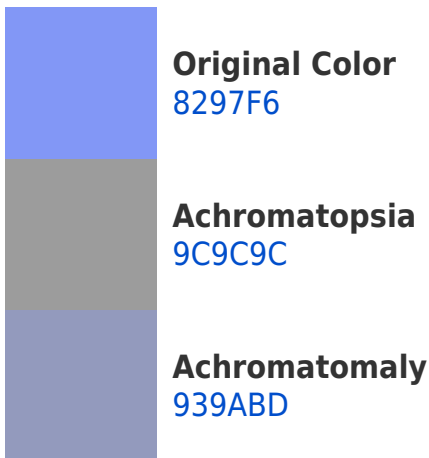


**Tritanopia**  
6EA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8297F6 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 #8297F6 looks like.

```
.text, #text, p{  
    color:#8297F6  
}
```

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 #8297F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8297F6
}
```

## Border

The CSS property to change the border of an element to Hex 8297F6 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
#8297F6 }
```

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

```
.border{ border-color:#8297F6 }
```

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

Here you see how a box with a 4 pixel #8297F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8297F6; -webkit-box-shadow:4px 4px  
4px 4px #8297F6; box-shadow:4px 4px 4px  
4px #8297F6 }
```

# Background

The CSS property to change the background color of an element to Hex 8297F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8297F6 }
```

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

```
.background{ background-color:#8297F6 }
```

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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