

Converting Colors

Hex(8197F0)

Have a look what the booklet for
Hex(8197F0) contains.

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Color

Hex(8197F0)

Conversions

Conversions Part 1

Format	Color
Hex	8197F0
RGB	129, 151, 240
RGB Percent	51%, 59%, 94%
CMY	0.4941, 0.4078, 0.0588
CMYK	0.46, 0.37, 0.00, 0.06
HSL	228°, 79%, 72%
HSV	228°, 46%, 94%
XYZ	35.8480, 33.0916, 86.9360
YIQ	154.5680, -41.6810, 23.0150

Conversions

Conversions Part 2

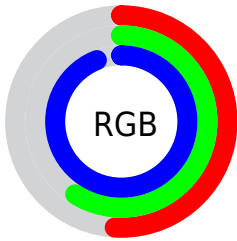
Format	Color
RYB	129, 147, 240
Decimal	8493040
CIELab	64.24, 15.41, -47.21
CIELCh	64, 49.659, 288.082
Yxy	33.0916, 0.2300, 0.2123
Android (android.graphics.Color)	4286683120 (0xFF8197F0)
YUV	154.5680, 42.1180, -22.4231
Hunter-Lab	57.5253, 10.5665, -49.3352

Details

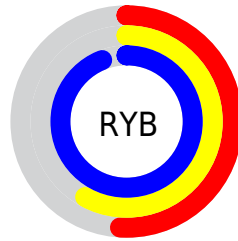
The Hex color **8197F0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0DA81**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BACDFF**, and **4765B7** is the 20% darker color. If you saturate the color by 10%, you get **6984F0**, and if you desaturate by 10%, it is **99AAF0**.

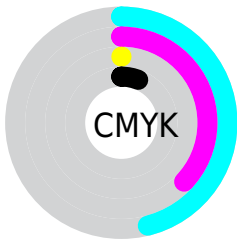
Distribution



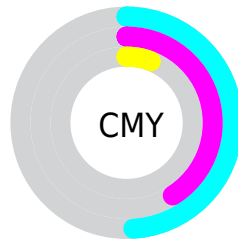
- Red (51%)
- Green (59%)
- Blue (94%)



- Red (51%)
- Yellow (58%)
- Blue (94%)



- Cyan (46%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (41%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8197F0 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 8197F0 by changing the saturation by 10% instead.

 8197F0

 8197F0

FFFFFF

 657DD3

 BACDFF

 4765B7

 D8E9FF

 274D9C

 F5FFFF

 003782

 002268

 000D4F

 000538

 000221


 000007

 8197F0

 8197F0

 6984F0

 99AAF0

 5171F0

 B1BDF0

 395DF0

 C9D1F0

 214AF0

 E1E4F0

 0937F0

 F9F7F0

 0030F0

 FFFFF0

Harmonies

Analogous

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



00A6F2



8197F0



C185D7

Triad

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



8197F0



E2835B



00B188

Complementary

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



8197F0



F0DA81

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.



68AC5E



8197F0



C49343

Square

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



8197F0



EF7783



9BA243



00B2B6

Rectangle

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



8197F0



DC7BBE



9BA243



37B079

Sweetspot

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



8197F0



DBE2FF



81F0DA



6A6E80



000000



808080

Same Dimension

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



8197F0



708DFF



A281F0



6C6E78



0024B8



000B38

Inverse Universe

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



F08197



FF708D



CFF081



786C6E



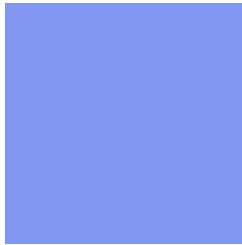
B80024



38000B

Previews

White Background



This preview shows how the Hex color 8197F0 looks on a white background.

Color Contrast Check

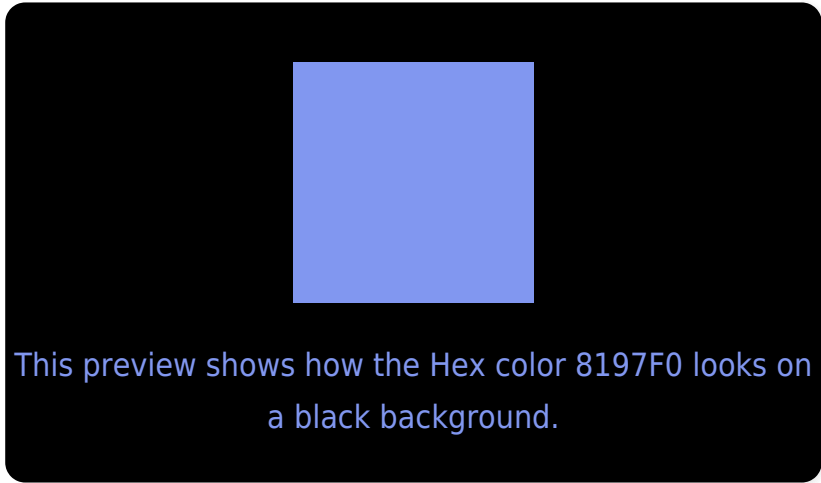
Large Text (above 18pt) WCAG AA × Fail

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

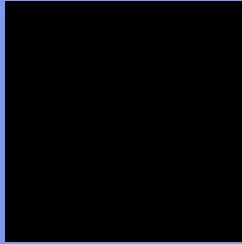
Any Text WCAG AA ✓ Pass

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 8197F0 Background



This preview shows how black text looks on a background with the Hex color 8197F0.



This preview shows how white text looks on a background with the Hex color 8197F0.

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

8197F0

Protanopia

7B98F1

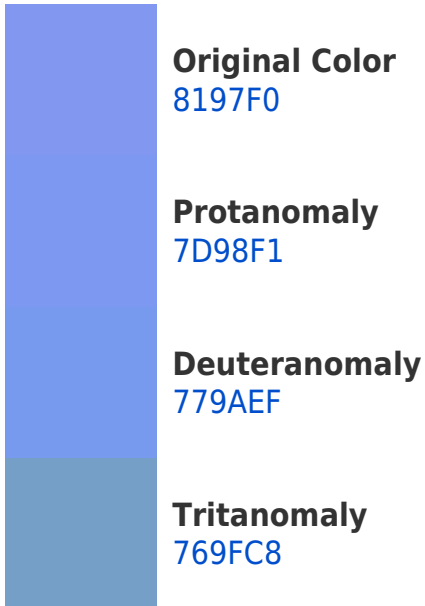
Deuteranopia

719BEF

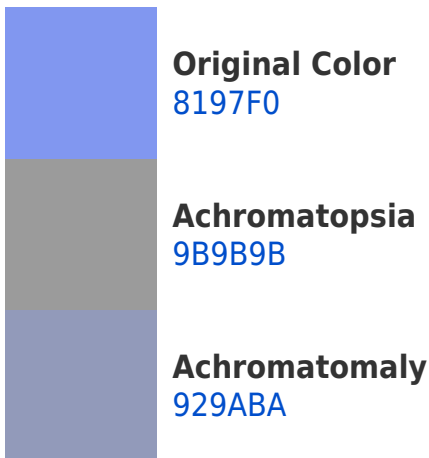


Tritanopia
6FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8197F0 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 #8197F0 looks like.

```
.text, #text, p{  
    color:#8197F0  
}
```

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 #8197F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8197F0  
}
```

Border

The CSS property to change the border of an element to Hex 8197F0 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  
#8197F0 }
```

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

```
.border{ border-color:#8197F0 }
```

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

Here you see how a box with a 4 pixel #8197F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8197F0; -webkit-box-shadow:4px 4px  
4px 4px #8197F0; box-shadow:4px 4px 4px  
4px #8197F0 }
```

Background

The CSS property to change the background color of an element to Hex 8197F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8197F0 }
```

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

```
.background{ background-color:#8197F0 }
```

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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