

Converting Colors

Hex(8197F2)

Have a look what the booklet for
Hex(8197F2) contains.

Hex(8197F2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8197F2)

Conversions

Conversions Part 1

Format	Color
Hex	8197F2
RGB	129, 151, 242
RGB Percent	51%, 59%, 95%
CMY	0.4941, 0.4078, 0.0510
CMYK	0.47, 0.38, 0.00, 0.05
HSL	228°, 81%, 73%
HSV	228°, 47%, 95%
XYZ	36.1469, 33.2111, 88.5096
YIQ	154.7960, -42.3230, 23.6370

Conversions

Conversions Part 2

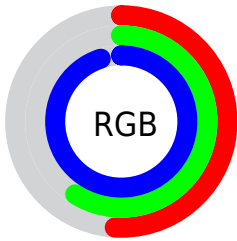
Format	Color
R _Y B	129, 147, 242
Decimal	8493042
CIE Lab	64.33, 16.00, -48.15
CIE LCh	64, 50.741, 288.379
Yxy	33.2111, 0.2290, 0.2104
Android (android.graphics.Color)	4286683122 (0xFF8197F2)
YUV	154.7960, 42.9916, -22.6231
Hunter-Lab	57.6291, 11.1101, -50.7201

Details

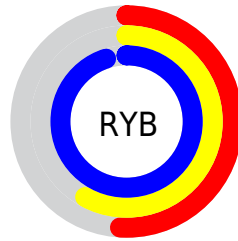
The Hex color **8197F2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2DC81**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BACDFF**, and **4765B9** is the 20% darker color. If you saturate the color by 10%, you get **6984F2**, and if you desaturate by 10%, it is **99AAF2**.

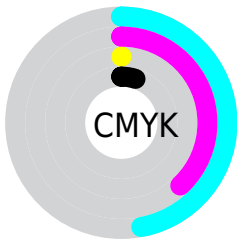
Distribution



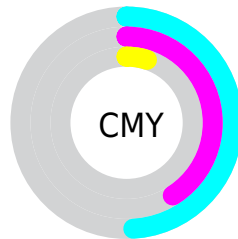
- Red (51%)
- Green (59%)
- Blue (95%)



- Red (51%)
- Yellow (58%)
- Blue (95%)



- Cyan (47%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (41%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8197F2 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 8197F2 by changing the saturation by 10% instead.

 8197F2

 8197F2

FFFFFF

 647DD5

 BACDFF

 4765B9

 D8E9FF

 264D9E

 F5FFFF

 003783

 00226A

 000D51

 000539

 000223

 000009

■ 8197F2

■ 8197F2

■ 6984F2

■ 99AAF2

■ 5170F2

■ B1BEF2

■ 385DF2

■ CAD1F2

■ 2049F2

■ E2E5F2

■ 0836F2

■ FAF8F2

■ 002FF2

■ FFFFF2

Harmonies

Analogous

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



00A6F4



8197F2



C285D9

Triad

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



8197F2



E4825A



00B288

Complementary

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



8197F2



F2DC81

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.



66AC5D



8197F2



C59341

Square

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



8197F2



F17682



9BA241



00B3B7

Rectangle

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



8197F2



DD7ABE



9BA241



32B079

Sweetspot

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



8197F2



DBE2FF



81F2DB



6A6E80



000000



808080

Same Dimension

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



8197F2



708CFF



A381F2



6C6E78



0024B8



000B38

Inverse Universe

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



F28197



FF708C



D0F281



786C6E



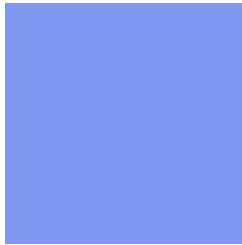
B80024



38000B

Previews

White Background



This preview shows how the Hex color 8197F2 looks on a white background.

Color Contrast Check

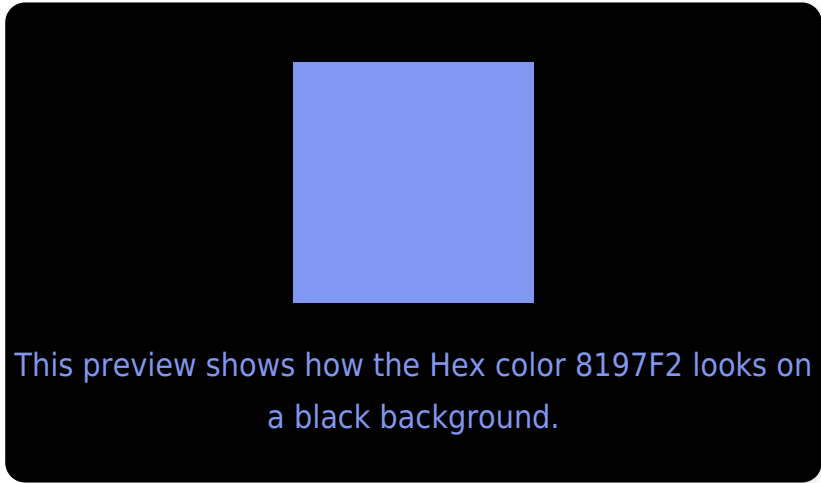
Large Text (above 18pt) WCAG AA × Fail

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 8197F2 Background



This preview shows how black text looks on a background with the Hex color 8197F2.



This preview shows how white text looks on a background with the Hex color 8197F2.

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
8197F2

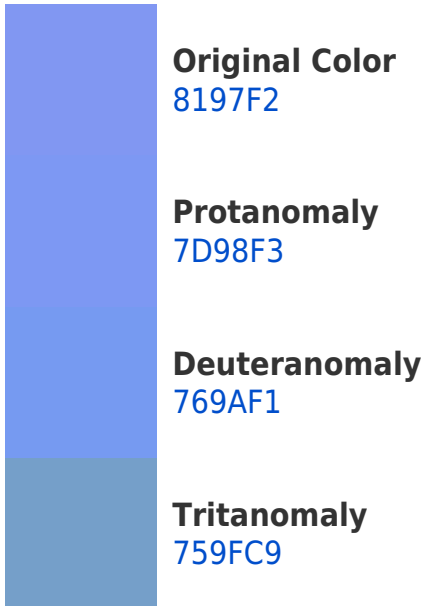
Protanopia
7A99F3

Deuteranopia
6F9BF1

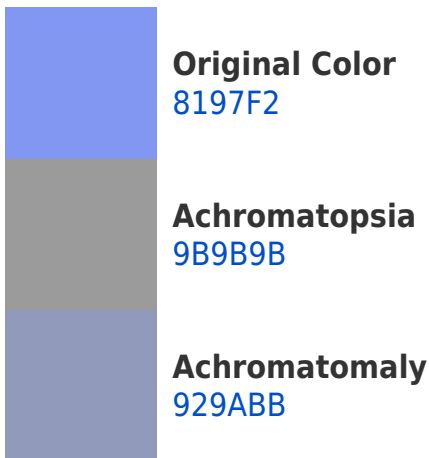


Tritanopia
6EA4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8197F2 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 #8197F2 looks like.

```
.text, #text, p{  
    color:#8197F2  
}
```

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 #8197F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8197F2
}
```

Border

The CSS property to change the border of an element to Hex 8197F2 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
#8197F2 }
```

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

```
.border{ border-color:#8197F2 }
```

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

Here you see how a box with a 4 pixel #8197F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8197F2; -webkit-box-shadow:4px 4px  
4px 4px #8197F2; box-shadow:4px 4px 4px  
4px #8197F2 }
```

Background

The CSS property to change the background color of an element to Hex 8197F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8197F2 }
```

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

```
.background{ background-color:#8197F2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor