

Converting Colors

Hex(7FA2EF)

Have a look what the booklet for
Hex(7FA2EF) contains.

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Color

Hex(7FA2EF)

Conversions

Conversions Part 1

Format	Color
Hex	7FA2EF
RGB	127, 162, 239
RGB Percent	50%, 64%, 94%
CMY	0.5020, 0.3647, 0.0627
CMYK	0.47, 0.32, 0.00, 0.06
HSL	221°, 78%, 72%
HSV	221°, 47%, 94%
XYZ	37.2527, 36.5847, 86.7595
YIQ	160.3130, -45.5770, 16.5270

Conversions

Conversions Part 2

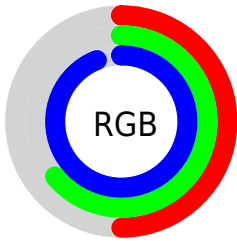
Format	Color
RYB	127, 154, 239
Decimal	8364783
CIELab	66.96, 8.31, -42.37
CIELCh	67, 43.182, 281.092
Yxy	36.5847, 0.2320, 0.2278
Android (android.graphics.Color)	4286554863 (0xFF7FA2EF)
YUV	160.3130, 38.7927, -29.2155
Hunter-Lab	60.4853, 4.0884, -42.7053

Details

The Hex color **7FA2EF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFCC7F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B8D9FF**, and **456FB7** is the 20% darker color. If you saturate the color by 10%, you get **6792EF**, and if you desaturate by 10%, it is **97B2EF**.

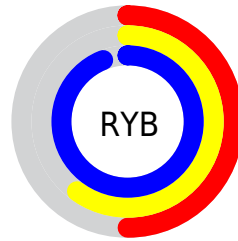
Distribution



Red (50%)

Green (64%)

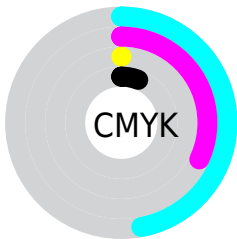
Blue (94%)



Red (50%)

Yellow (60%)

Blue (94%)

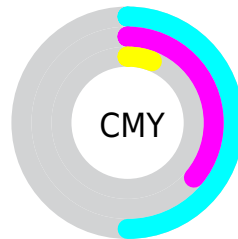


Cyan (47%)

Magenta (32%)

Yellow (0%)

Black (6%)



Cyan (50%)

Magenta (36%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA2EF 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 7FA2EF by changing the saturation by 10% instead.

 7FA2EF

 7FA2EF

FFFFFF

 6388D2

 B8D9FF

 456FB7

 D5F5FF

 24579B

 F3FFFF

 004081

 002A68

 00174F

 000538

 000221

 000006

 7FA2EF

 7FA2EF

 6792EF

 97B2EF

 4F81EF

 AFC3EF

 3771EF

 C7D3EF

 1F60EF

 DFE4EF

 0750EF

 F7F4EF

 004BEF

 FFFFEF

Harmonies

Analogous

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



21AEEC



7FA2EF



B993DE

Triad

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



7FA2EF



E78B72



4DB588

Complementary

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



7FA2EF



EFCC7F

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.



83AF67



7FA2EF



D09859

Square

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



7FA2EF



ED8396



ADA555



00B7B1

Rectangle

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



7FA2EF



D58AC9



ADA555



61B47C

Sweetspot

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



7FA2EF



DBE6FF



7FEFCC



6A7180



000000



808080

Same Dimension

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



7FA2EF



709DFF



947FEF



6C7078



0039B8



001238

Inverse Universe

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



EF7FA2



FF709D



DAEF7F



786C70



B80039



380012

Previews

White Background



This preview shows how the Hex color 7FA2EF 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

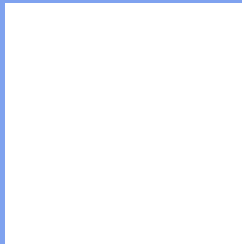
Any Text WCAG AAA ✓ Pass

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

Hex 7FA2EF Background



This preview shows how black text looks on a background with the Hex color 7FA2EF.



This preview shows how white text looks on a background with the Hex color 7FA2EF.

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

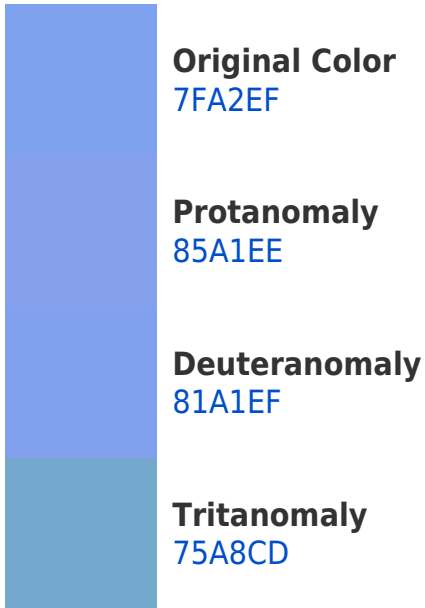


Original Color
7FA2EF

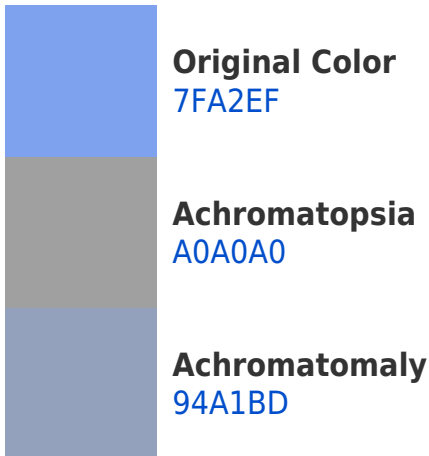
Protanopia
89A0ED

Deuteranopia
82A1EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA2EF 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 #7FA2EF looks like.

```
.text, #text, p{  
    color:#7FA2EF  
}
```

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 #7FA2EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA2EF
}
```

Border

The CSS property to change the border of an element to Hex 7FA2EF 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
#7FA2EF }
```

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

```
.border{ border-color:#7FA2EF }
```

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

Here you see how a box with a 4 pixel #7FA2EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA2EF; -webkit-box-shadow:4px 4px  
4px 4px #7FA2EF; box-shadow:4px 4px 4px  
4px #7FA2EF }
```

Background

The CSS property to change the background color of an element to Hex 7FA2EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA2EF }
```

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

```
.background{ background-color:#7FA2EF }
```

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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