

Converting Colors

Hex(7DA3F8)

Have a look what the booklet for
Hex(7DA3F8) contains.

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Color

Hex(7DA3F8)

Conversions

Conversions Part 1

Format	Color
Hex	7DA3F8
RGB	125, 163, 248
RGB Percent	49%, 64%, 97%
CMY	0.5098, 0.3608, 0.0275
CMYK	0.50, 0.34, 0.00, 0.03
HSL	221°, 90%, 73%
HSV	221°, 50%, 97%
XYZ	38.4979, 37.3317, 93.9836
YIQ	161.3280, -49.9330, 18.3790

Conversions

Conversions Part 2

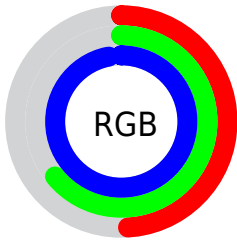
Format	Color
R _Y B	125, 154, 248
Decimal	8233976
CIE Lab	67.53, 9.92, -46.42
CIE LCh	68, 47.466, 282.066
Yxy	37.3317, 0.2267, 0.2198
Android (android.graphics.Color)	4286424056 (0xFF7DA3F8)
YUV	161.3280, 42.7293, -31.8597
Hunter-Lab	61.0996, 5.5456, -48.4303

Details

The Hex color **7DA3F8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8D27D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7DAFF**, and **4170BF** is the 20% darker color. If you saturate the color by 10%, you get **6492F8**, and if you desaturate by 10%, it is **96B4F8**.

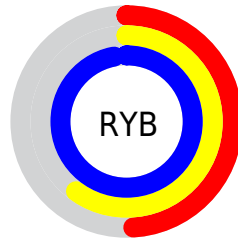
Distribution



Red (49%)

Green (64%)

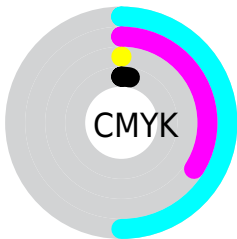
Blue (97%)



Red (49%)

Yellow (60%)

Blue (97%)

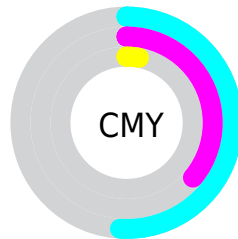


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA3F8 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 7DA3F8 by changing the saturation by 10% instead.

 7DA3F8

 7DA3F8

FFFFFF

 6089DB

 B7DAFF

 4170BF

 D5F6FF

 1B58A4

 F2FFFF

 004189

 002B6F

 001856

 00063E

 000328

 000111

■ 7DA3F8

■ 7DA3F8

■ 6492F8

■ 96B4F8

■ 4B81F8

■ AFC5F8

■ 3370F8

■ C7D6F8

■ 1A5EF8

■ E0E8F8

■ 014DF8

■ F9F9F8

■ 004DF8

■ FFFFF8

Harmonies

Analogous

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



00B0F5



7DA3F8



BE93E4

Triad

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



7DA3F8



EE8A6D



3EB989

Complementary

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



7DA3F8



F8D27D

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.



7EB263



7DA3F8



D49952

Square

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



7DA3F8



F58195



ADA84E



00BAB5

Rectangle

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



7DA3F8



DC88CD



ADA84E



58B77B

Sweetspot

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



7DA3F8



D9E5FF



7DF8D1



697080



000000



808080

Same Dimension

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



7DA3F8



6695FF



947DF8



70747D



003ABD



00133D

Inverse Universe

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



F87DA3



FF6695



E1F87D



7D7074



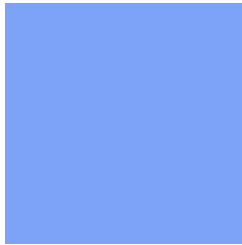
BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 7DA3F8 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 7DA3F8 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

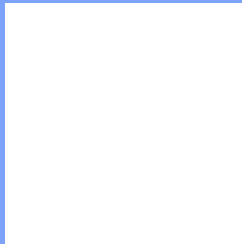
Any Text WCAG AAA ✓ Pass

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

Hex 7DA3F8 Background



This preview shows how black text looks on a background with the Hex color 7DA3F8.



This preview shows how white text looks on a background with the Hex color 7DA3F8.

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
7DA3F8

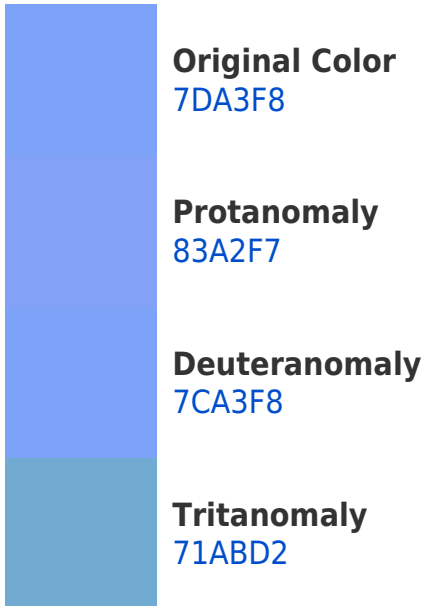
Protanopia
86A1F6

Deuteranopia
7CA3F8

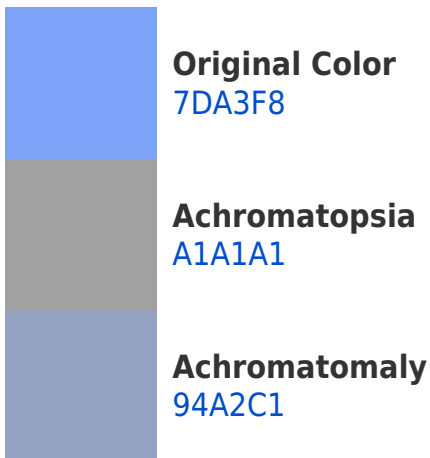


Tritanopia
6AAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA3F8 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 #7DA3F8 looks like.

```
.text, #text, p{  
    color:#7DA3F8  
}
```

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 #7DA3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA3F8  
}
```

Border

The CSS property to change the border of an element to Hex 7DA3F8 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  
#7DA3F8 }
```

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

```
.border{ border-color:#7DA3F8 }
```

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

Here you see how a box with a 4 pixel #7DA3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA3F8; -webkit-box-shadow:4px 4px  
4px 4px #7DA3F8; box-shadow:4px 4px 4px  
4px #7DA3F8 }
```

Background

The CSS property to change the background color of an element to Hex 7DA3F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA3F8 }
```

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

```
.background{ background-color:#7DA3F8 }
```

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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