

Converting Colors

Hex(7FA7E3)

Have a look what the booklet for
Hex(7FA7E3) contains.

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Color

Hex(7FA7E3)

Conversions

Conversions Part 1

Format	Color
Hex	7FA7E3
RGB	127, 167, 227
RGB Percent	50%, 65%, 89%
CMY	0.5020, 0.3451, 0.1098
CMYK	0.44, 0.26, 0.00, 0.11
HSL	216°, 64%, 69%
HSV	216°, 44%, 89%
XYZ	36.4362, 37.6955, 78.0286
YIQ	161.8800, -43.1000, 10.1800

Conversions

Conversions Part 2

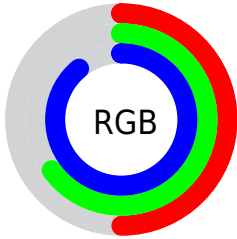
Format	Color
RYB	127, 156, 227
Decimal	8366051
CIELab	67.80, 2.03, -34.50
CIElCh	68, 34.560, 273.369
Yxy	37.6955, 0.2395, 0.2477
Android (android.graphics.Color)	4286556131 (0xFF7FA7E3)
YUV	161.8800, 32.1042, -30.5898
Hunter-Lab	61.3967, -1.5122, -32.3736

Details

The Hex color **7FA7E3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E3BB7F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B7DEFF**, and **4773AB** is the 20% darker color. If you saturate the color by 10%, you get **6899E3**, and if you desaturate by 10%, it is **96B5E3**.

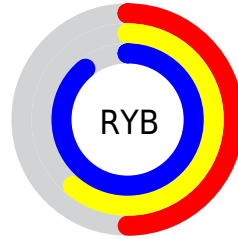
Distribution



Red (50%)

Green (65%)

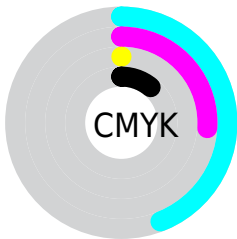
Blue (89%)



Red (50%)

Yellow (61%)

Blue (89%)

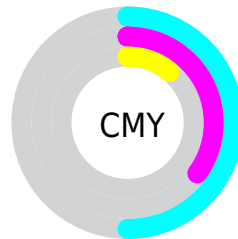


Cyan (44%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (50%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA7E3 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 7FA7E3 by changing the saturation by 10% instead.

■ 7FA7E3

■ 7FA7E3

FFFFFF

■ 638DC7

■ B7DEFF

■ 4773AB

■ D4FAFF

■ 295B91

■ F2FFFF

■ 004477

■ 002E5E

■ 001A46

■ 00042F

■ 000119

■ 000000

■ 7FA7E3

■ 7FA7E3

■ 6899E3

■ 96B5E3

■ 528CE3

■ ACC2E3

■ 3B7EE3

■ C3D0E3

■ 2471E3

■ DADDE3

■ 0E63E3

■ F1EBE3

■ 005BE3

■ FFF9E3

■ FFFFE3

Harmonies

Analogous

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



4CB0DC



7FA7E3



AE9CD9

Triad

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



7FA7E3



E09184



70B488

Complementary

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



7FA7E3



E3BB7F

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.



96AE70



7FA7E3



D19A6E

Square

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



7FA7E3



E18DA3



B7A466



49B6A8

Rectangle

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



7FA7E3



C695CB



B7A466



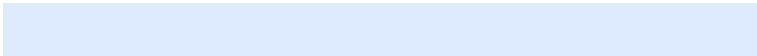
7DB27F

Sweetspot

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



7FA7E3



DEEBFF



7FE3BB



6B7380



000000



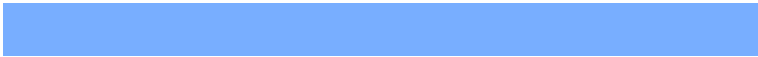
808080

Same Dimension

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



7FA7E3



78AEFF



897FE3



676C73



0047B3



001433

Inverse Universe

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



E37FA7



FF78AE



D9E37F



73676C



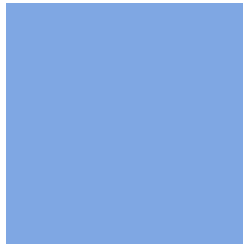
B30047



330014

Previews

White Background



This preview shows how the Hex color 7FA7E3 looks on a white background.

Color Contrast Check

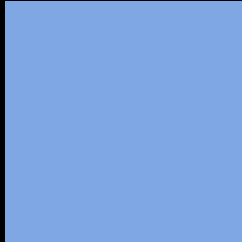
Large Text (above 18pt) WCAG AA × Fail

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 7FA7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

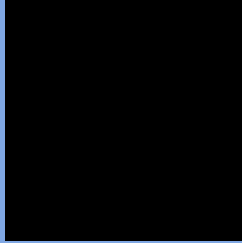
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

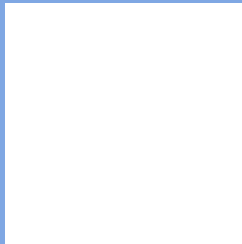
Any Text WCAG AAA ✓ Pass

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

Hex 7FA7E3 Background



This preview shows how black text looks on a background with the Hex color 7FA7E3.

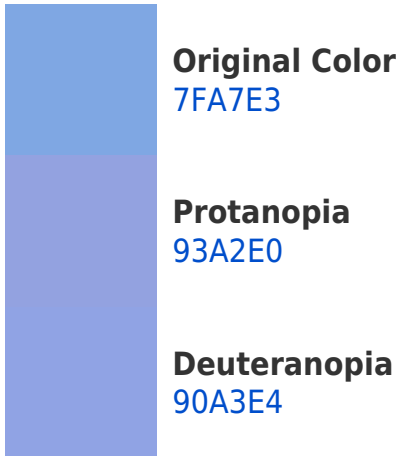


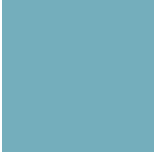
This preview shows how white text looks on a background with the Hex color 7FA7E3.

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](#).

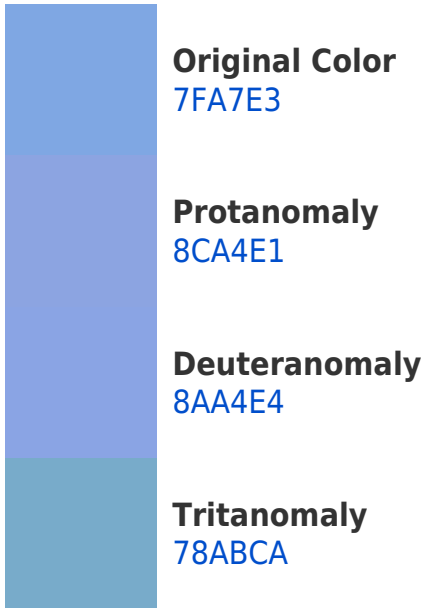
Dichromacy



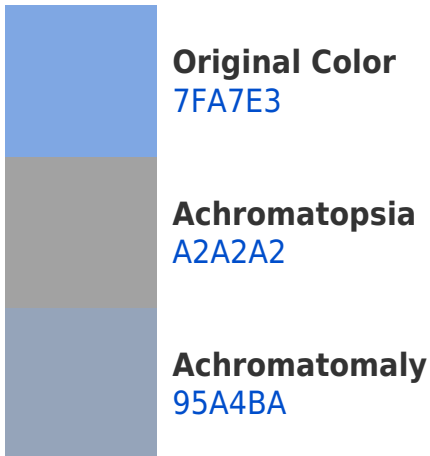


Tritanopia
74AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA7E3 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 #7FA7E3 looks like.

```
.text, #text, p{  
    color:#7FA7E3  
}
```

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 #7FA7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA7E3
}
```

Border

The CSS property to change the border of an element to Hex 7FA7E3 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
#7FA7E3 }
```

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

```
.border{ border-color:#7FA7E3 }
```

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

Here you see how a box with a 4 pixel #7FA7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA7E3; -webkit-box-shadow:4px 4px  
4px 4px #7FA7E3; box-shadow:4px 4px 4px  
4px #7FA7E3 }
```

Background

The CSS property to change the background color of an element to Hex 7FA7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA7E3 }
```

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

```
.background{ background-color:#7FA7E3 }
```

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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