

Converting Colors

Hex(7DA7ED)

Have a look what the booklet for
Hex(7DA7ED) contains.

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Color

Hex(7DA7ED)

Conversions

Conversions Part 1

Format	Color
Hex	7DA7ED
RGB	125, 167, 237
RGB Percent	49%, 65%, 93%
CMY	0.5098, 0.3451, 0.0706
CMYK	0.47, 0.30, 0.00, 0.07
HSL	218°, 76%, 71%
HSV	218°, 47%, 93%
XYZ	37.5622, 38.1118, 85.4973
YIQ	162.4220, -47.5020, 12.8660

Conversions

Conversions Part 2

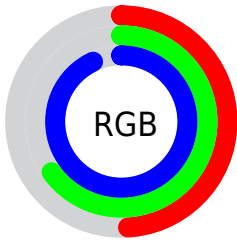
Format	Color
RYB	125, 156, 237
Decimal	8234989
CIELab	68.10, 4.41, -39.51
CIElCh	68, 39.753, 276.369
Yxy	38.1118, 0.2331, 0.2365
Android (android.graphics.Color)	4286425069 (0xFF7DA7ED)
YUV	162.4220, 36.7670, -32.8191
Hunter-Lab	61.7348, 0.5716, -38.8972

Details

The Hex color **7DA7ED** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EDC37D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B6DEFF**, and **4373B5** is the 20% darker color. If you saturate the color by 10%, you get **6598ED**, and if you desaturate by 10%, it is **95B6ED**.

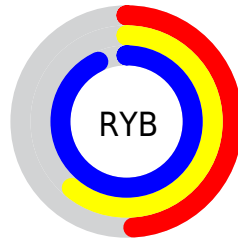
Distribution



Red (49%)

Green (65%)

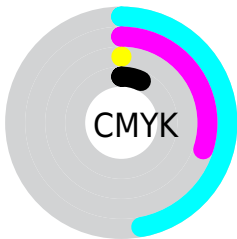
Blue (93%)



Red (49%)

Yellow (61%)

Blue (93%)

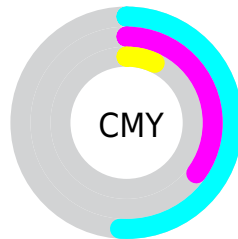


Cyan (47%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7DA7ED 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 7DA7ED by changing the saturation by 10% instead.

 7DA7ED

 7DA7ED

FFFFFF

 618DD1

 B6DEFF

 4373B5

 D3FAFF

 225B9A

 F1FFFF

 00447F

 002E66

 001A4E

 000536

 000220

 000004

■ 7DA7ED

■ 7DA7ED

■ 6598ED

■ 95B6ED

■ 4E89ED

■ ACC5ED

■ 367BED

■ C4D3ED

■ 1E6CED

■ DCE2ED

■ 065DED

■ F3F1ED

■ 0059ED

■ FFFFED

Harmonies

Analogous

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



34B1E7



7DA7ED



B49AE0

Triad

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



7DA7ED



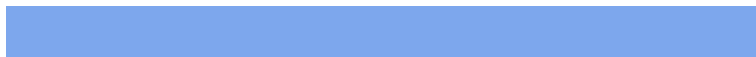
E88F7D



62B788

Complementary

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



7DA7ED



EDC37D

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.



8FB06B



7DA7ED



D59A65

Square

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



7DA7ED



EA89A0



B6A65D



25B9AD

Rectangle

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



7DA7ED



CF91CE



B6A65D



72B57D

Sweetspot

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



7DA7ED



DBE9FF



7DEDC2



6A7280



000000



808080

Same Dimension

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



7DA7ED



6EA4FF



8A7DED



6A6E75



0044B5



001436

Inverse Universe

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



ED7DA7



FF6EA4



E0ED7D



756A6E



B50044



360014

Previews

White Background



This preview shows how the Hex color 7DA7ED looks on a white background.

Color Contrast Check

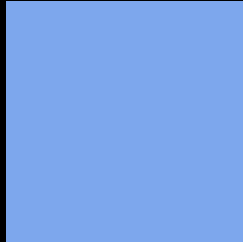
Large Text (above 18pt) WCAG AA × Fail

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 7DA7ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

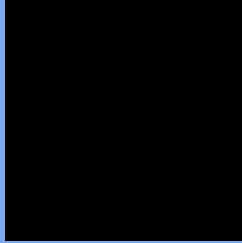
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

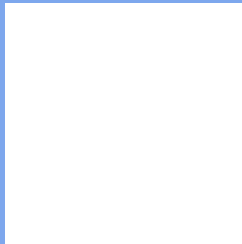
Any Text WCAG AAA ✓ Pass

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

Hex 7DA7ED Background



This preview shows how black text looks on a background with the Hex color 7DA7ED.



This preview shows how white text looks on a background with the Hex color 7DA7ED.

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](#).

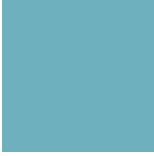
Dichromacy



Original Color
7DA7ED

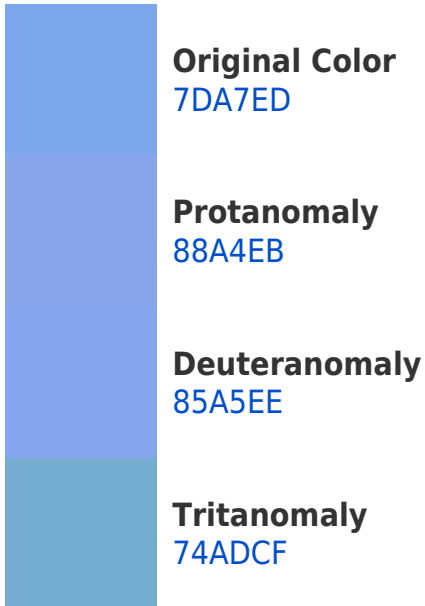
Protanopia
8FA3EA

Deuteranopia
89A4EE

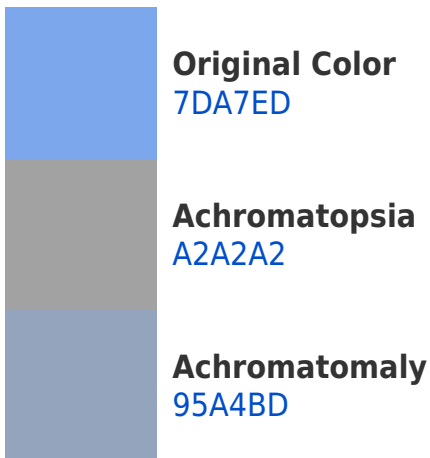


Tritanopia
6FBOBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA7ED 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 #7DA7ED looks like.

```
.text, #text, p{  
    color:#7DA7ED  
}
```

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 #7DA7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA7ED
}
```

Border

The CSS property to change the border of an element to Hex 7DA7ED 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
#7DA7ED }
```

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

```
.border{ border-color:#7DA7ED }
```

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

Here you see how a box with a 4 pixel #7DA7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA7ED; -webkit-box-shadow:4px 4px  
4px 4px #7DA7ED; box-shadow:4px 4px 4px  
4px #7DA7ED }
```

Background

The CSS property to change the background color of an element to Hex 7DA7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA7ED }
```

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

```
.background{ background-color:#7DA7ED }
```

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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