

Converting Colors

Hex(7DA7EB)

Have a look what the booklet for
Hex(7DA7EB) contains.

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Color

Hex(7DA7EB)

Conversions

Conversions Part 1

Format	Color
Hex	7DA7EB
RGB	125, 167, 235
RGB Percent	49%, 65%, 92%
CMY	0.5098, 0.3451, 0.0784
CMYK	0.47, 0.29, 0.00, 0.08
HSL	217°, 73%, 71%
HSV	217°, 47%, 92%
XYZ	37.2716, 37.9956, 83.9667
YIQ	162.1940, -46.8600, 12.2440

Conversions

Conversions Part 2

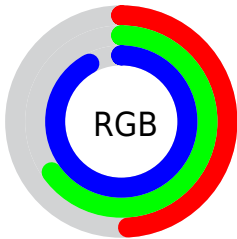
Format	Color
R _{YB}	125, 155, 235
Decimal	8234987
CIE Lab	68.02, 3.83, -38.55
CIE LCh	68, 38.738, 275.674
Yxy	37.9956, 0.2341, 0.2386
Android (android.graphics.Color)	4286425067 (0xFF7DA7EB)
YUV	162.1940, 35.8934, -32.6191
Hunter-Lab	61.6405, 0.0608, -37.6164

Details

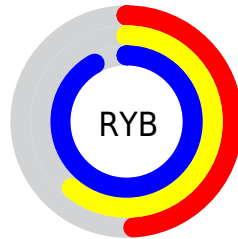
The Hex color **7DA7EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBC17D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B6DEFF**, and **4473B3** is the 20% darker color. If you saturate the color by 10%, you get **6698EB**, and if you desaturate by 10%, it is **94B6EB**.

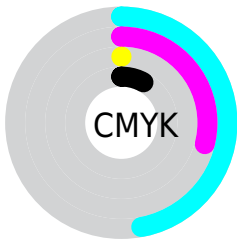
Distribution



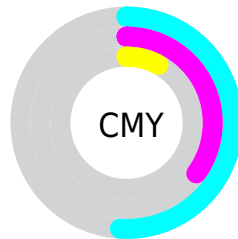
- Red (49%)
- Green (65%)
- Blue (92%)



- Red (49%)
- Yellow (61%)
- Blue (92%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA7EB 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 7DA7EB by changing the saturation by 10% instead.

■ 7DA7EB

■ 7DA7EB

FFFFFF

■ 618DCF

■ B6DEFF

■ 4473B3

■ D3FAFF

■ 235B98

■ F1FFFF

■ 00447E

■ 002E64

■ 001A4C

■ 000535

■ 00021F

■ 000002

 7DA7EB

 7DA7EB

 6698EB

 94B6EB

 4E8AEB

 ACC4EB

 367BEB

 C3D3EB

 1F6DEB

 DBE1EB

 075EEB

 F3F0EB

 005AEB

 FFFEEB

 FFFFEB

Harmonies

Analogous

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



39B1E5



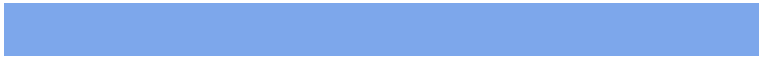
7DA7EB



B29ADF

Triad

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



7DA7EB



E68F7F



65B688

Complementary

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



7DA7EB



EBC17D

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.



91B06C



7DA7EB



D49A67

Square

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



7DA7EB



E88AA0



B6A65F



2EB8AB

Rectangle

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



7DA7EB



CD92CE



B6A65F



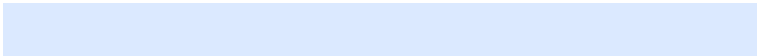
75B47D

Sweetspot

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



7DA7EB



DBE9FF



7DEBC1



6A7280



000000



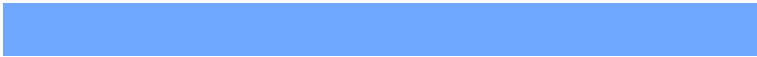
808080

Same Dimension

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



7DA7EB



70A7FF



8A7DEB



6A6E75



0045B5



001436

Inverse Universe

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



EB7DA7



FF70A7



DEEB7D



756A6E



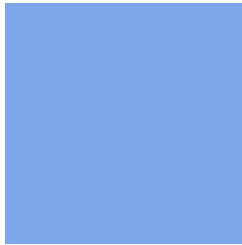
B50045



360014

Previews

White Background



This preview shows how the Hex color 7DA7EB looks on a white background.

Color Contrast Check

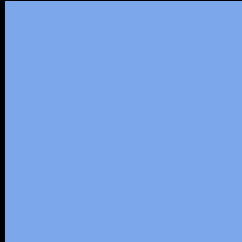
Large Text (above 18pt) WCAG AA × Fail

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 7DA7EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

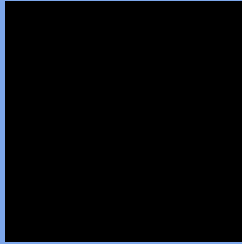
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

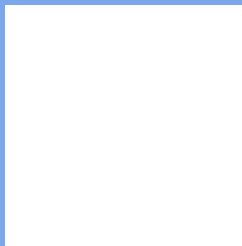
Any Text WCAG AAA ✓ Pass

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

Hex 7DA7EB Background



This preview shows how black text looks on a background with the Hex color 7DA7EB.

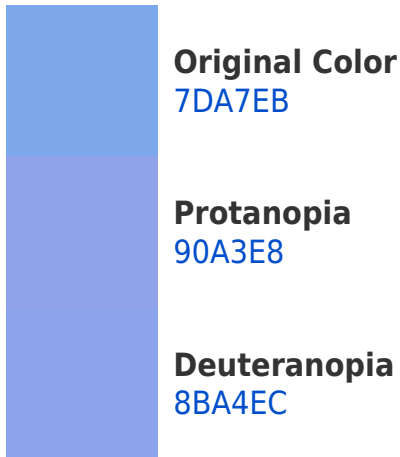


This preview shows how white text looks on a background with the Hex color 7DA7EB.

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](#).

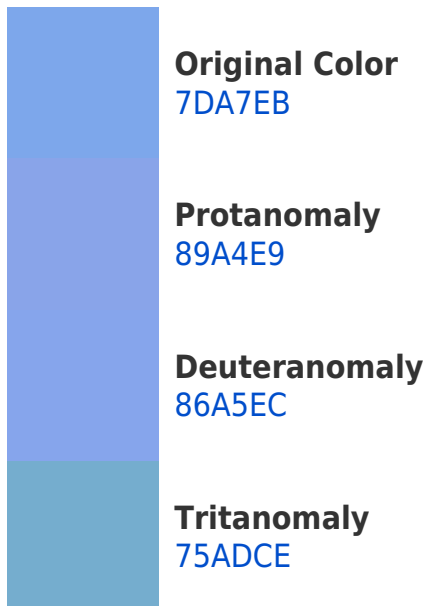
Dichromacy



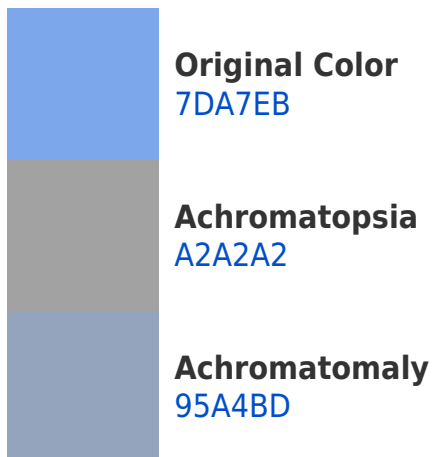


Tritanopia
70B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA7EB 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 #7DA7EB looks like.

```
.text, #text, p{  
    color:#7DA7EB  
}
```

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 #7DA7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA7EB
}
```

Border

The CSS property to change the border of an element to Hex 7DA7EB 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
#7DA7EB }
```

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

```
.border{ border-color:#7DA7EB }
```

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

Here you see how a box with a 4 pixel #7DA7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA7EB; -webkit-box-shadow:4px 4px  
4px 4px #7DA7EB; box-shadow:4px 4px 4px  
4px #7DA7EB }
```

Background

The CSS property to change the background color of an element to Hex 7DA7EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA7EB }
```

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

```
.background{ background-color:#7DA7EB }
```

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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