

Converting Colors

Hex(7DA8EE)

Have a look what the booklet for
Hex(7DA8EE) contains.

| | |
|--|----|
| Hex(7DA8EE) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7DA8EE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7DA8EE |
| RGB | 125, 168, 238 |
| RGB Percent | 49%, 66%, 93% |
| CMY | 0.5098, 0.3412, 0.0667 |
| CMYK | 0.47, 0.29, 0.00, 0.07 |
| HSL | 217°, 77%, 71% |
| HSV | 217°, 47%, 93% |
| XYZ | 37.8927, 38.5383, 86.3304 |
| YIQ | 163.1230, -48.0980, 12.6540 |

Conversions

Conversions Part 2

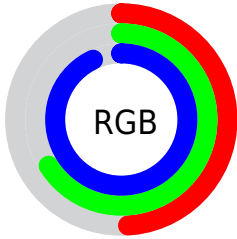
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 125, 156, 238 |
| Decimal | 8235246 |
| CIE Lab | 68.42, 4.14, -39.57 |
| CIE LCh | 68, 39.782, 275.967 |
| Yxy | 38.5383, 0.2328, 0.2368 |
| Android (android.graphics.Color) | 4286425326 (0xFF7DA8EE) |
| YUV | 163.1230, 36.9144, -33.4339 |
| Hunter-Lab | 62.0792, 0.3165, -38.9961 |

Details

The Hex color **7DA8EE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EEC37D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6DFFF**, and **4374B6** is the 20% darker color. If you saturate the color by 10%, you get **6599EE**, and if you desaturate by 10%, it is **95B7EE**.

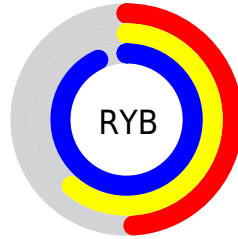
Distribution



Red (49%)

Green (66%)

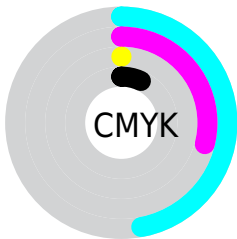
Blue (93%)



Red (49%)

Yellow (61%)

Blue (93%)

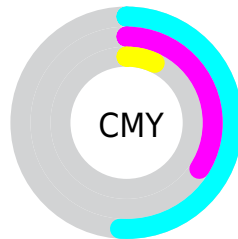


Cyan (47%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA8EE 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 7DA8EE by changing the saturation by 10% instead.

 7DA8EE

 7DA8EE

FFFFFF

 608ED2

 B6DFFF

 4374B6

 D3FBFF

 215C9B

 F1FFFF

 004580

 002F67

 001B4E

 000537

 000221

 000006

 7DA8EE

 7DA8EE

 6599EE

 95B7EE

 4D8BEE

 ADC5EE

 367CEE

 C4D4EE

 1E6DEE

 DCE3EE

 065EEE

 F4F2EE

 005BEE

 FFFFEE

Harmonies

Analogous

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



34B2E8



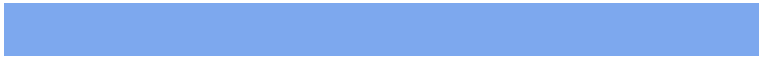
7DA8EE



B49BE1

Triad

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



7DA8EE



E98F7E



64B788

Complementary

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



7DA8EE



EEC37D

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.



91B16B



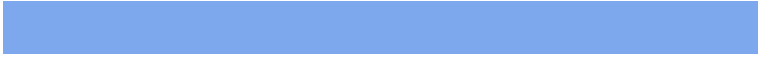
7DA8EE



D69B66

Square

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



7DA8EE



EB8AA1



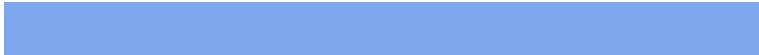
B7A75E



27BAAD

Rectangle

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



7DA8EE



CF92D0



B7A75E



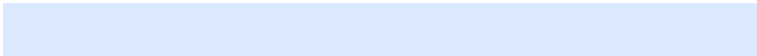
74B67D

Sweetspot

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



7DA8EE



DBE9FF



7DEEC3



6A7280



000000



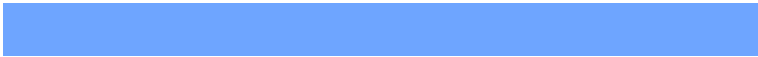
808080

Same Dimension

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



7DA8EE



6EA5FF



8A7DEE



6C7078



0046B8



001538

Inverse Universe

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



EE7DA8



FF6EA5



E1EE7D



786C70



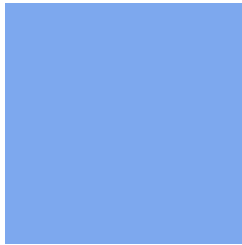
B80046



380015

Previews

White Background



This preview shows how the Hex color 7DA8EE looks on a white background.

Color Contrast Check

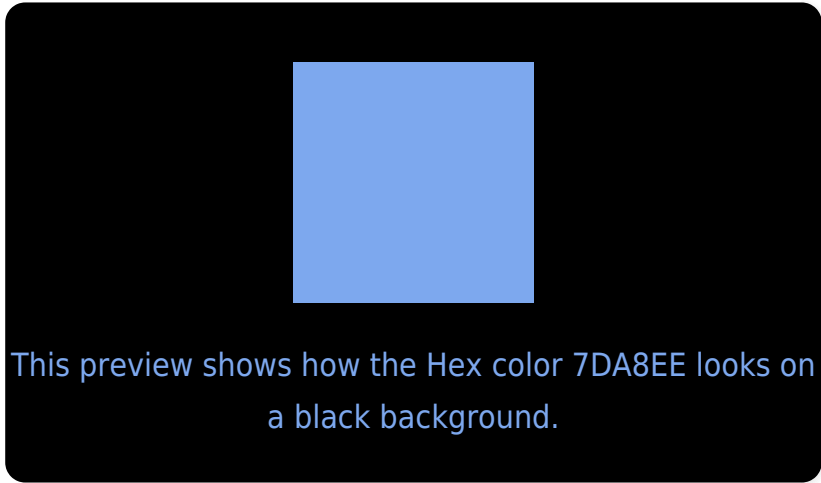
Large Text (above 18pt) WCAG AA × Fail

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

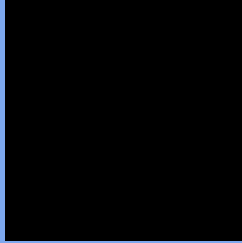
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

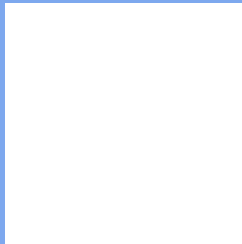
Any Text WCAG AAA ✓ Pass

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

Hex 7DA8EE Background



This preview shows how black text looks on a background with the Hex color 7DA8EE.

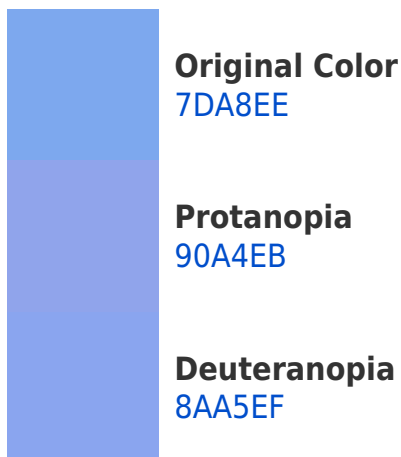


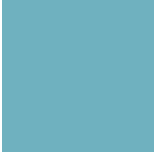
This preview shows how white text looks on a background with the Hex color 7DA8EE.

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](#).

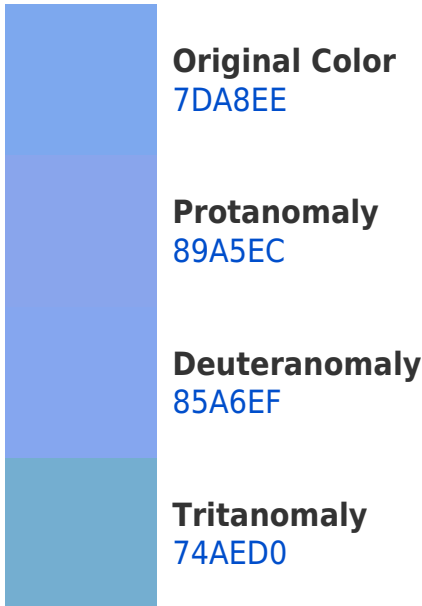
Dichromacy



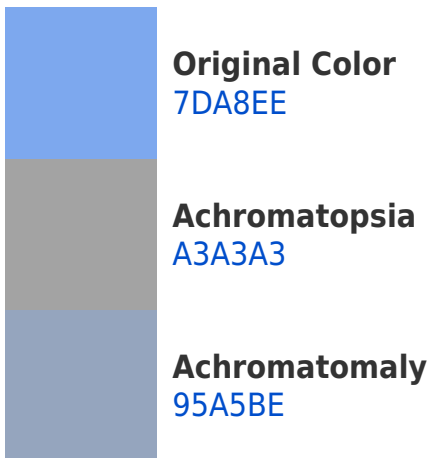


Tritanopia
6FB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA8EE 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 #7DA8EE looks like.

```
.text, #text, p{  
    color:#7DA8EE  
}
```

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 #7DA8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA8EE
}
```

Border

The CSS property to change the border of an element to Hex 7DA8EE 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
#7DA8EE }
```

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

```
.border{ border-color:#7DA8EE }
```

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

Here you see how a box with a 4 pixel #7DA8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA8EE; -webkit-box-shadow:4px 4px  
4px 4px #7DA8EE; box-shadow:4px 4px 4px  
4px #7DA8EE }
```

Background

The CSS property to change the background color of an element to Hex 7DA8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA8EE }
```

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

```
.background{ background-color:#7DA8EE }
```

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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