

Converting Colors

Hex(7AAEDF)

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

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Color

Hex(7AAEDF)

Conversions

Conversions Part 1

Format	Color
Hex	7AAEDF
RGB	122, 174, 223
RGB Percent	48%, 68%, 87%
CMY	0.5216, 0.3176, 0.1255
CMYK	0.45, 0.22, 0.00, 0.13
HSL	209°, 61%, 68%
HSV	209°, 45%, 87%
XYZ	36.4814, 39.7374, 75.5593
YIQ	164.0380, -46.7210, 4.2150

Conversions

Conversions Part 2

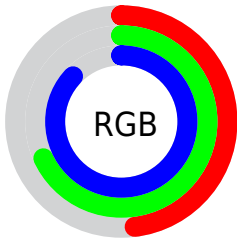
Format	Color
RYB	122, 156, 223
Decimal	8040159
CIELab	69.28, -4.23, -30.03
CIELCh	69, 30.326, 261.989
Yxy	39.7374, 0.2404, 0.2618
Android (android.graphics.Color)	4286230239 (0xFF7AAEDF)
YUV	164.0380, 29.0683, -36.8673
Hunter-Lab	63.0376, -7.0136, -26.9410

Details

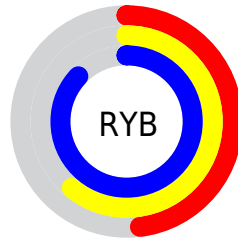
The Hex color **7AAEDF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFAB7A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B2E5FF**, and **427AA8** is the 20% darker color. If you saturate the color by 10%, you get **64A3DF**, and if you desaturate by 10%, it is **90B9DF**.

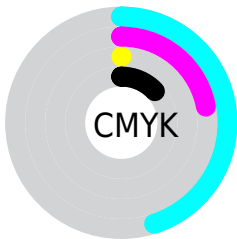
Distribution



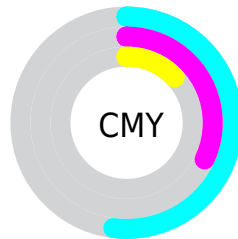
- Red (48%)
- Green (68%)
- Blue (87%)



- Red (48%)
- Yellow (61%)
- Blue (87%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (52%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 7AAEDF

■ 7AAEDF

FFFFFF

■ 5E93C3

■ B2E5FF

■ 427AA8

■ CFFFFF

■ 22618D

■ ECFFFF

■ 004973

■ 00335B

■ 001E43

■ 00032D

■ 000117

■ 000000

■ 7AAEDF

■ 7AAEDF

■ 64A3DF

■ 90B9DF

■ 4D98DF

■ A7C4DF

■ 378EDF

■ BDCEDF

■ 2183DF

■ D3D9DF

■ 0B78DF

■ EAE4DF

■ 0073DF

■ FFEFDf

■ FFFADf

■ FFFFDF

Harmonies

Analogous

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



58B5D4



7AAEDF



A3A5DC

Triad

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



7AAEDF



E09696



88B487

Complementary

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



7AAEDF



DFAB7A

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.



A8AE76



7AAEDF



D79C7F

Square

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



7AAEDF



DA95B2



C3A573



68B8A1

Rectangle

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



7AAEDF



BB9ED2



C3A573



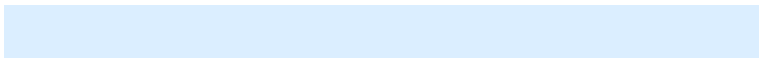
93B280

Sweetspot

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



7AAEDF



DBEEFF



7ADFAB



6A7580



000000



808080

Same Dimension

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



7AAEDF



75BCFF



7A7CDF



656B70



005BB0



001930

Inverse Universe

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



DF7AAE



FF75BC



DFDD7A



70656B



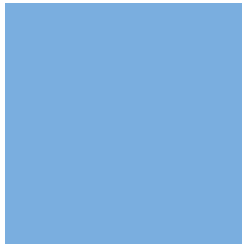
B0005B



300019

Previews

White Background



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

Color Contrast Check

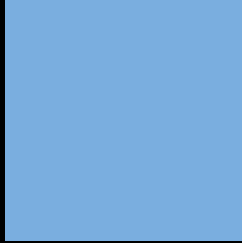
Large Text (above 18pt) WCAG AA × Fail

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 7AAEDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

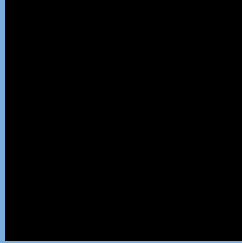
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

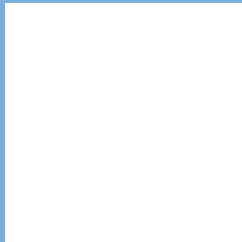
Any Text WCAG AAA ✓ Pass

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

Hex 7AAEDF Background



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

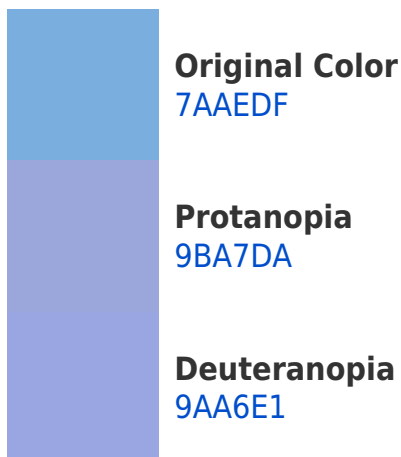


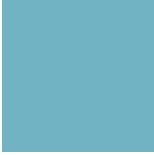
This preview shows how white text looks on a background with the Hex color 7AAEDF.

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](#).

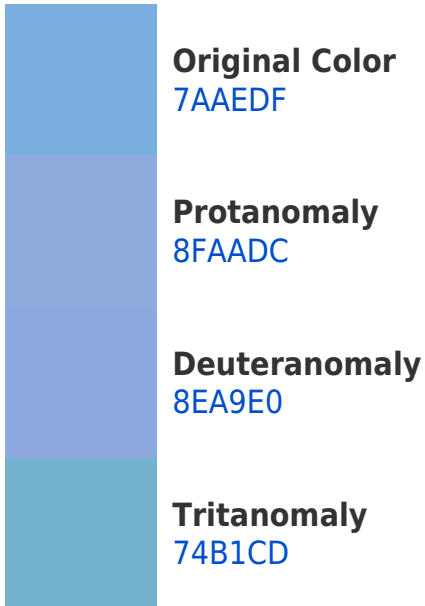
Dichromacy



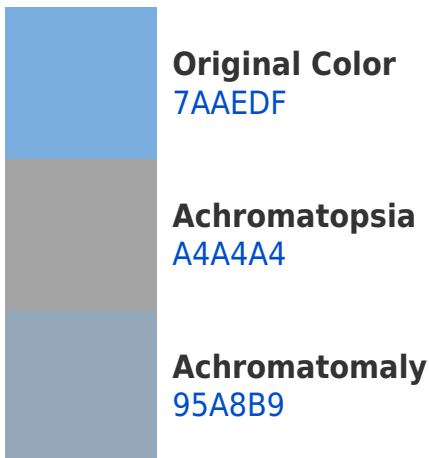


Tritanopia
71B3C2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7AAEDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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