

Converting Colors

Hex(7AAFDE)

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

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Color

Hex(7AAFDE)

Conversions

Conversions Part 1

Format	Color
Hex	7AAFDE
RGB	122, 175, 222
RGB Percent	48%, 69%, 87%
CMY	0.5216, 0.3137, 0.1294
CMYK	0.45, 0.21, 0.00, 0.13
HSL	208°, 60%, 67%
HSV	208°, 45%, 87%
XYZ	36.5408, 40.0714, 74.9159
YIQ	164.5110, -46.6750, 3.3810

Conversions

Conversions Part 2

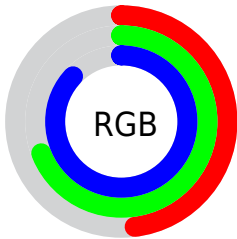
Format	Color
RYB	122, 157, 222
Decimal	8040414
CIELab	69.52, -5.06, -29.11
CIELCh	70, 29.551, 260.148
Yxy	40.0714, 0.2411, 0.2644
Android (android.graphics.Color)	4286230494 (0xFF7AAFDE)
YUV	164.5110, 28.3421, -37.2821
Hunter-Lab	63.3020, -7.7401, -25.8564

Details

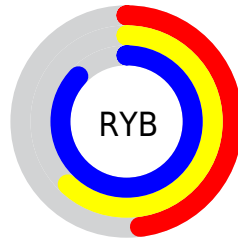
The Hex color **7AAFDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEA97A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B2E6FF**, and **427BA7** is the 20% darker color. If you saturate the color by 10%, you get **64A5DE**, and if you desaturate by 10%, it is **90B9DE**.

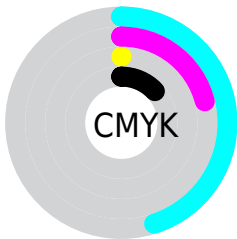
Distribution



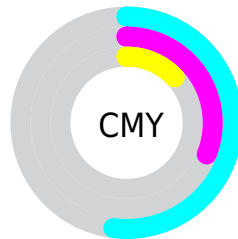
- Red (48%)
- Green (69%)
- Blue (87%)



- Red (48%)
- Yellow (62%)
- Blue (87%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (52%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 7AAFDE

■ 7AAFDE

FFFFFF

■ 5E94C2

■ B2E6FF

■ 427BA7

■ CFFFFF

■ 22628C

■ ECFFFF

■ 004A72

■ 00345A

■ 001F42

■ 00032C

■ 000116

■ 000000

 7AAFDE

 7AAFDE

 64A5DE

 90B9DE

 4E9ADE

 A6C4DE

 3790DE

 BDCEDDE

 2185DE

 D3D9DE

 0B7BDE

 E9E3DE

 0076DE

 FFEEDDE

 FFF8DE

 FFFFDE

Harmonies

Analogous

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



5BB5D2



7AAFDE



A1A6DC

Triad

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



7AAFDE



E09799



8BB487

Complementary

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



7AAFDE



DEA97A

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.



AAAE77



7AAFDE



D89C82

Square

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



7AAFDE



D997B4



C5A575



6DB8A0

Rectangle

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



7AAFDE



B9A0D3



C5A575



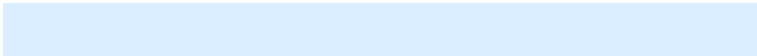
96B280

Sweetspot

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



7AAFDE



DBEEFF



7ADEA9



6A7580



000000



808080

Same Dimension

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



7AAFDE



75BEFF



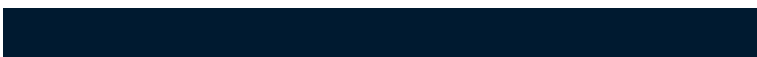
7A7DDE



656B70



005DB0



001A30

Inverse Universe

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



DE7AAF



FF75BE



DEDB7A



70656B



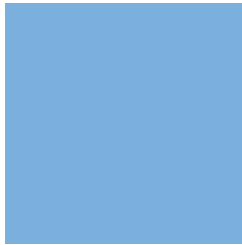
B0005D



30001A

Previews

White Background



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

Color Contrast Check

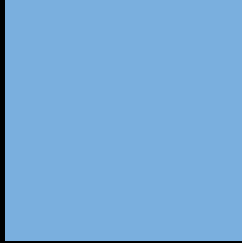
Large Text (above 18pt) WCAG AA × Fail

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 7AAFDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

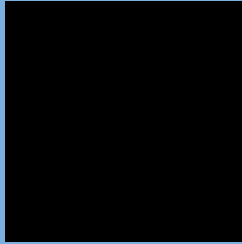
Any Text WCAG AA ✓ Pass

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 7AAFDE Background



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

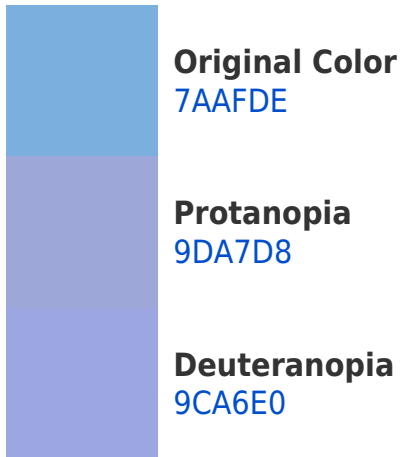


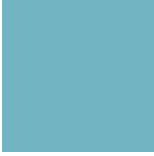
This preview shows how white text looks on a background with the Hex color 7AAFDE.

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](#).

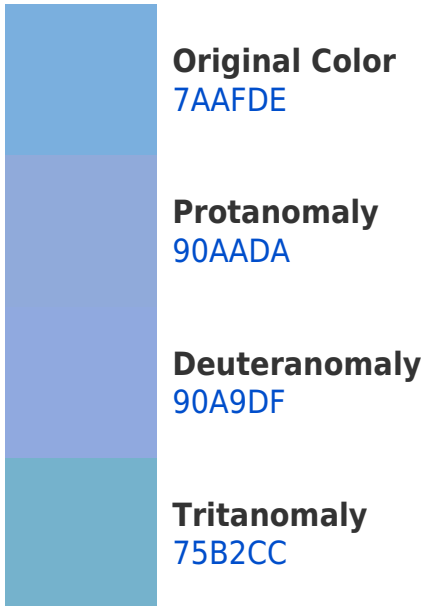
Dichromacy



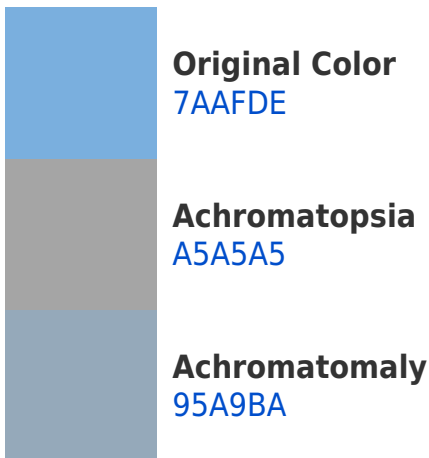


Tritanopia
72B4C2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7AAFDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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