

Converting Colors

Hex(7AE9F4)

Have a look what the booklet for
Hex(7AE9F4) contains.

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Color

Hex(7AE9F4)

Conversions

Conversions Part 1

Format	Color
Hex	7AE9F4
RGB	122, 233, 244
RGB Percent	48%, 91%, 96%
CMY	0.5216, 0.0863, 0.0431
CMYK	0.50, 0.05, 0.00, 0.04
HSL	185°, 85%, 72%
HSV	185°, 50%, 96%
XYZ	53.4941, 68.9471, 96.0766
YIQ	201.0650, -69.6870, -20.1110

Conversions

Conversions Part 2

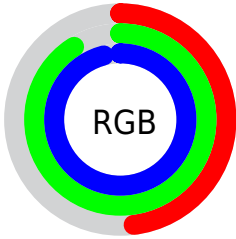
Format	Color
R _Y B	122, 180, 244
Decimal	8055284
CIE Lab	86.48, -28.90, -15.14
CIE LCh	86, 32.624, 207.658
Yxy	68.9471, 0.2448, 0.3155
Android (android.graphics.Color)	4286245364 (0xFF7AE9F4)
YUV	201.0650, 21.1670, -69.3400
Hunter-Lab	83.0344, -30.3132, -10.4787

Details

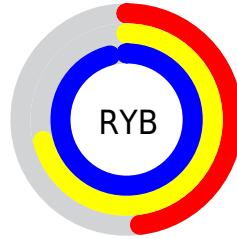
The Hex color **7AE9F4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F4857A**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B6FFFF**, and **39B1BC** is the 20% darker color. If you saturate the color by 10%, you get **62E7F4**, and if you desaturate by 10%, it is **92EBF4**.

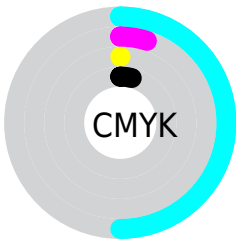
Distribution



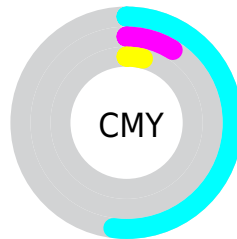
- Red (48%)
- Green (91%)
- Blue (96%)



- Red (48%)
- Yellow (71%)
- Blue (96%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE9F4 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 7AE9F4 by changing the saturation by 10% instead.

 7AE9F4

 7AE9F4


FFFFFF

 5BCDD8

 B6FFFF

 39B1BC

 D4FFFF

 0096A1

 F2FFFF

 007C87

 00636D

 004A55

 00333E

 002028

 000113

 7AE9F4

 7AE9F4

 62E7F4

 92EBF4

 49E5F4

 ABEDF4

 31E2F4

 C3F0F4

 18E0F4

 DCF2F4

 00DEF4

 F4F4F4

 FFF6F4

 FFF8F4

 FFFBF4

 FFFDF4

Harmonies

Analogous

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



8CEAD5



7AE9F4



87E4FF

Triad

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



7AE9F4



FEC7FA



F1D69B

Complementary

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



7AE9F4



F4857A

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.



FFCBA5



7AE9F4



FFC2DC

Square

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



7AE9F4



DAD1FF



FFC4BD



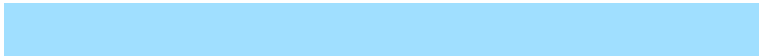
D0DFA1

Rectangle

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



7AE9F4



A0DFFF



FFC4BD



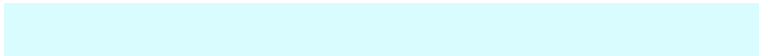
FAD29C

Sweetspot

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



7AE9F4



D9FCFF



7AF484



697D80



000000



808080

Same Dimension

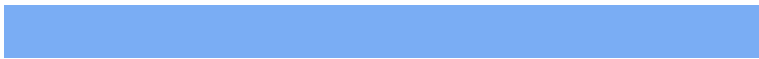
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7AE9F4



66F1FF



7AADF4



6E797A



00A9BA



00353B

Inverse Universe

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



F47AE9



FF66F1



F4C17A



7A6E79



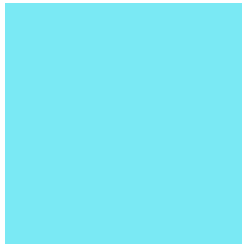
BA00A9



3B0035

Previews

White Background



This preview shows how the Hex color 7AE9F4 looks on a white background.

Color Contrast Check

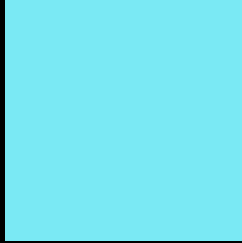
Large Text (above 18pt) WCAG AA × Fail

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 7AE9F4 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 7AE9F4 Background



This preview shows how black text looks on a background with the Hex color 7AE9F4.

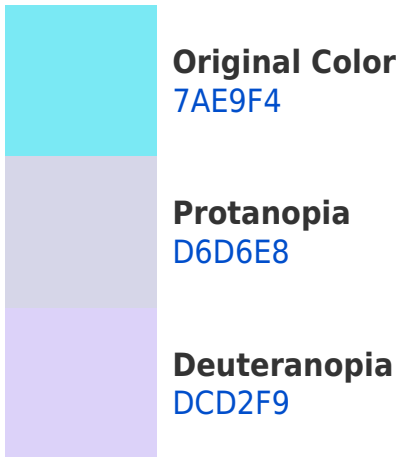


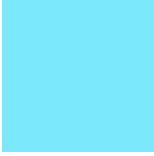
This preview shows how white text looks on a background with the Hex color 7AE9F4.

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





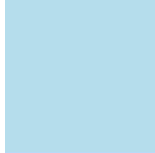
Tritanopia
7CE8FB

Trichromacy



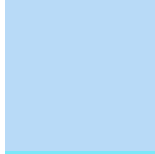
Original Color

7AE9F4



Protanomaly

B5DDEC



Deuteranomaly

B8DAF7



Tritanomaly

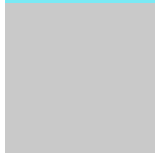
7BE8F8

Monochromacy



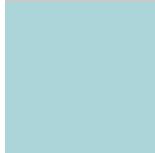
Original Color

7AE9F4



Achromatopsia

C9C9C9



Achromatomaly

ACD5D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE9F4 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 #7AE9F4 looks like.

```
.text, #text, p{  
    color:#7AE9F4  
}
```

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 #7AE9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE9F4  
}
```

Border

The CSS property to change the border of an element to Hex 7AE9F4 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  
#7AE9F4 }
```

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

```
.border{ border-color:#7AE9F4 }
```

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

Here you see how a box with a 4 pixel #7AE9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE9F4; -webkit-box-shadow:4px 4px  
4px 4px #7AE9F4; box-shadow:4px 4px 4px  
4px #7AE9F4 }
```

Background

The CSS property to change the background color of an element to Hex 7AE9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE9F4 }
```

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

```
.background{ background-color:#7AE9F4 }
```

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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