

Converting Colors

Hex(7AE5BA)

Have a look what the booklet for
Hex(7AE5BA) contains.

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Color

Hex(7AE5BA)

Conversions

Conversions Part 1

Format	Color
Hex	7AE5BA
RGB	122, 229, 186
RGB Percent	48%, 90%, 73%
CMY	0.5216, 0.1020, 0.2706
CMYK	0.47, 0.00, 0.19, 0.10
HSL	156°, 67%, 69%
HSV	156°, 47%, 90%
XYZ	44.9083, 63.7214, 56.3869
YIQ	192.1050, -49.9690, -36.0570

Conversions

Conversions Part 2

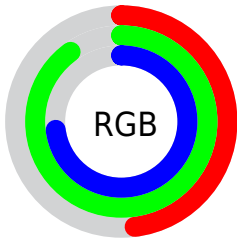
Format	Color
RYB	122, 189, 229
Decimal	8054202
CIELab	83.82, -40.83, 11.50
CIELCh	84, 42.415, 164.275
Yxy	63.7214, 0.2721, 0.3862
Android (android.graphics.Color)	4286244282 (0xFF7AE5BA)
YUV	192.1050, -3.0098, -61.4821
Hunter-Lab	79.8257, -39.2745, 13.9969

Details

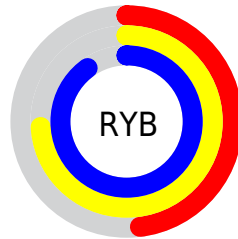
The Hex color **7AE5BA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E57AA5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B3FFF2**, and **3FAD85** is the 20% darker color. If you saturate the color by 10%, you get **63E5B1**, and if you desaturate by 10%, it is **91E5C3**.

Distribution



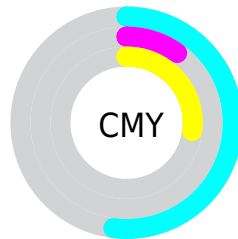
- Red (48%)
- Green (90%)
- Blue (73%)



- Red (48%)
- Yellow (74%)
- Blue (90%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE5BA 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 7AE5BA by changing the saturation by 10% instead.

 7AE5BA

 7AE5BA

FFFFFF

 5DC99F

 B3FFF2

 3FAD85

 D1FFFF

 1B926C

 EEEFFF

 007853

 005E3C

 004626

 002E12

 001600

 000000

 7AE5BA

 7AE5BA

 63E5B1

 91E5C3

 4CE5A8

 A8E5CC

 35E59E

 BFE5D6

 1EE595

 D6E5DF

 08E58C

 ECE5E8

 00E589

 FFE5F1

 FFE5FA

 FFE5FF

Harmonies

Analogous

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



ACDF96



7AE5BA



45E7E3

Triad

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



7AE5BA



B7CEFF



FFBA9B

Complementary

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



7AE5BA



E57AA5

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.



FFB2BF



7AE5BA



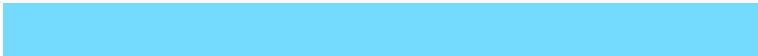
EEC0FF

Square

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



7AE5BA



74DBFF



FFB5E8



FEC784

Rectangle

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



7AE5BA



31E5FD



FFB5E8



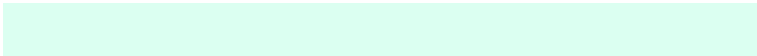
FFB7A6

Sweetspot

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



7AE5BA



DBFFF1



A7E57A



6A8077



000000



808080

Same Dimension

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



7AE5BA



70FFC6



7ADCE5



67736E



00B36B



00331F

Inverse Universe

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



E57AA5



FF70AA



E5837A



73676C



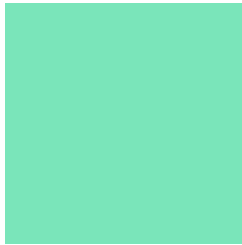
B30048



330014

Previews

White Background



This preview shows how the Hex color 7AE5BA looks on a white background.

Color Contrast Check

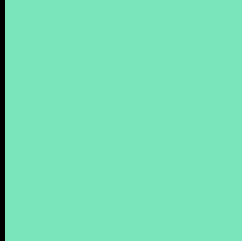
Large Text (above 18pt) WCAG AA × Fail

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 7AE5BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

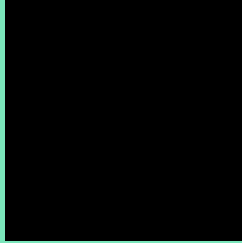
Any Text WCAG AA ✓ Pass

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 7AE5BA Background



This preview shows how black text looks on a background with the Hex color 7AE5BA.

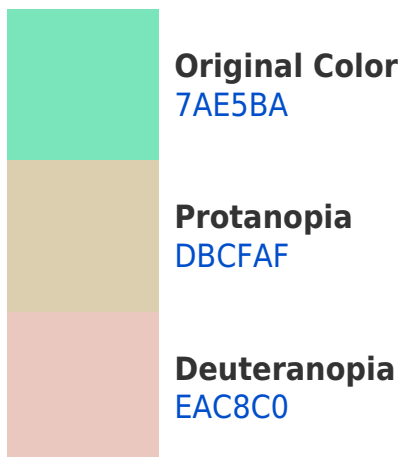


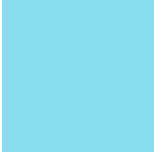
This preview shows how white text looks on a background with the Hex color 7AE5BA.

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



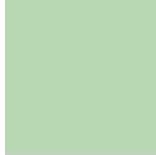


Tritanopia
88DEF0

Trichromacy



Original Color
7AE5BA



Protanomaly
B8D7B3



Deuteranomaly
C1D3BE

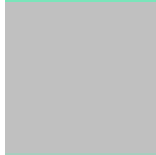


Tritanomaly
83E1DC

Monochromacy



Original Color
7AE5BA



Achromatopsia
C0C0C0



Achromatomaly
A7CDBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE5BA 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 #7AE5BA looks like.

```
.text, #text, p{  
    color:#7AE5BA  
}
```

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 #7AE5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE5BA
}
```

Border

The CSS property to change the border of an element to Hex 7AE5BA 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
#7AE5BA }
```

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

```
.border{ border-color:#7AE5BA }
```

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

Here you see how a box with a 4 pixel #7AE5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE5BA; -webkit-box-shadow:4px 4px  
4px 4px #7AE5BA; box-shadow:4px 4px 4px  
4px #7AE5BA }
```

Background

The CSS property to change the background color of an element to Hex 7AE5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE5BA }
```

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

```
.background{ background-color:#7AE5BA }
```

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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