

Converting Colors

Hex(7AE2BA)

Have a look what the booklet for
Hex(7AE2BA) contains.

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Color

Hex(7AE2BA)

Conversions

Conversions Part 1

Format	Color
Hex	7AE2BA
RGB	122, 226, 186
RGB Percent	48%, 89%, 73%
CMY	0.5216, 0.1137, 0.2706
CMYK	0.46, 0.00, 0.18, 0.11
HSL	157°, 64%, 68%
HSV	157°, 46%, 89%
XYZ	44.0853, 62.0755, 56.1126
YIQ	190.3440, -49.1440, -34.4880

Conversions

Conversions Part 2

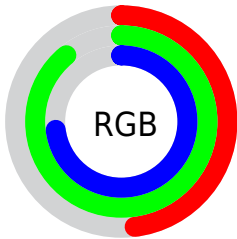
Format	Color
RYB	122, 186, 226
Decimal	8053434
CIELab	82.95, -39.48, 10.26
CIELCh	83, 40.796, 165.432
Yxy	62.0755, 0.2717, 0.3825
Android (android.graphics.Color)	4286243514 (0xFF7AE2BA)
YUV	190.3440, -2.1416, -59.9377
Hunter-Lab	78.7880, -38.0004, 12.9254

Details

The Hex color **7AE2BA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E27AA2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B3FFF2**, and **40AA85** is the 20% darker color. If you saturate the color by 10%, you get **63E2B1**, and if you desaturate by 10%, it is **91E2C3**.

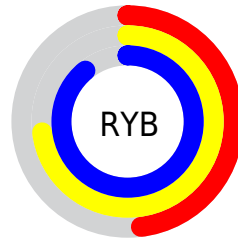
Distribution



Red (48%)

Green (89%)

Blue (73%)



Red (48%)

Yellow (73%)

Blue (89%)

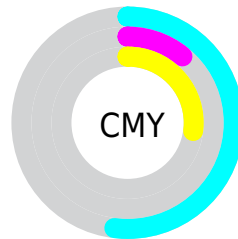


Cyan (46%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (52%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE2BA 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 7AE2BA by changing the saturation by 10% instead.

 7AE2BA

 7AE2BA

FFFFFF

 5DC69F

 B3FFF2

 40AA85

 D0FFFF

 1D8F6C

 EEEFFF

 007553

 005C3C

 004326

 002C12

 001200

 000000

 7AE2BA

 7AE2BA

 63E2B1

 91E2C3

 4DE2A9

 A7E2CB

 36E2A0

 BEE2D4

 20E297

 D4E2DD

 09E28F

 EBE2E5

 00E28B

 FFE2EE

 FFE2F7

 FFE2FF

Harmonies

Analogous

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



A9DC97



7AE2BA



4BE3E2

Triad

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



7AE2BA



B8CBFF



FFB99A

Complementary

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



7AE2BA



E27AA2

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.



FFB2BC



7AE2BA



ECBEFF

Square

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



7AE2BA



7AD8FF



FFB3E3



F9C685

Rectangle

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



7AE2BA



3DE2FA



FFB3E3



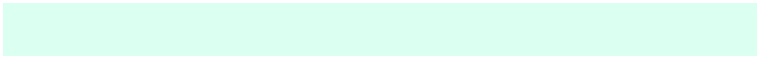
FFB6A4

Sweetspot

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



7AE2BA



DBFFF1



A4E27A



6A8077



000000



808080

Same Dimension

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



7AE2BA



73FFC9



7AD8E2



65706C



00B06C



00301E

Inverse Universe

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



E27AA2



FF73A9



E2847A



706569



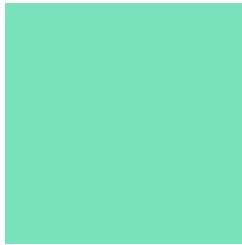
B00044



300013

Previews

White Background



This preview shows how the Hex color 7AE2BA looks on a white background.

Color Contrast Check

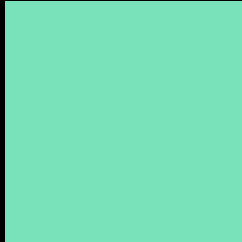
Large Text (above 18pt) WCAG AA × Fail

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 7AE2BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

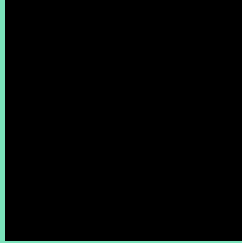
Any Text WCAG AA ✓ Pass

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 7AE2BA Background



This preview shows how black text looks on a background with the Hex color 7AE2BA.

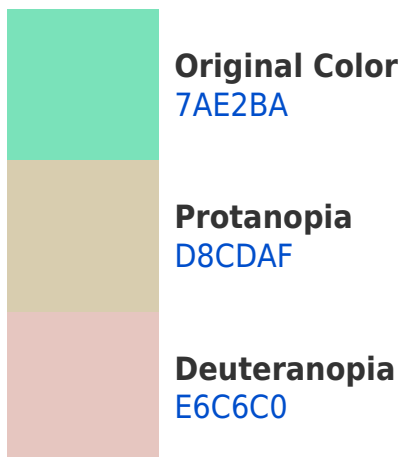


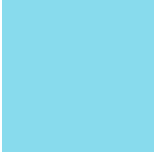
This preview shows how white text looks on a background with the Hex color 7AE2BA.

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
88DBED

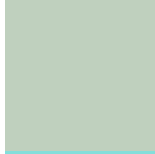
Trichromacy



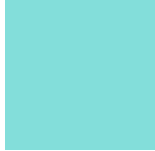
Original Color
7AE2BA



Protanomaly
B6D5B3



Deuteranomaly
BFD0BE



Tritanomaly
83DEDA

Monochromacy



Original Color
7AE2BA



Achromatopsia
BEBEBE



Achromatomaly
A5CBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE2BA 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 #7AE2BA looks like.

```
.text, #text, p{  
    color:#7AE2BA  
}
```

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 #7AE2BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE2BA
}
```

Border

The CSS property to change the border of an element to Hex 7AE2BA 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
#7AE2BA }
```

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

```
.border{ border-color:#7AE2BA }
```

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

Here you see how a box with a 4 pixel #7AE2BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE2BA; -webkit-box-shadow:4px 4px  
4px 4px #7AE2BA; box-shadow:4px 4px 4px  
4px #7AE2BA }
```

Background

The CSS property to change the background color of an element to Hex 7AE2BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE2BA }
```

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

```
.background{ background-color:#7AE2BA }
```

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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