

Converting Colors

Hex(7BB5AE)

Have a look what the booklet for
Hex(7BB5AE) contains.

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Color

Hex(7BB5AE)

Conversions

Conversions Part 1

Format	Color
Hex	7BB5AE
RGB	123, 181, 174
RGB Percent	48%, 71%, 68%
CMY	0.5176, 0.2902, 0.3176
CMYK	0.32, 0.00, 0.04, 0.29
HSL	173°, 28%, 60%
HSV	173°, 32%, 71%
XYZ	32.3322, 40.3147, 46.1218
YIQ	162.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

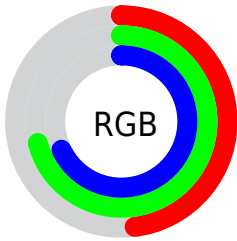
Format	Color
RYB	123, 154, 181
Decimal	8107438
CIELab	69.69, -20.33, -2.46
CIElCh	70, 20.479, 186.889
Yxy	40.3147, 0.2722, 0.3394
Android (android.graphics.Color)	4286297518 (0xFF7BB5AE)
YUV	162.8600, 5.4920, -34.9572
Hunter-Lab	63.4939, -20.2188, 1.3775

Details

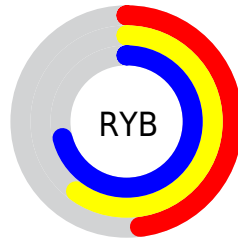
The Hex color **7BB5AE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B57B82**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B1EDE5**, and **47807A** is the 20% darker color. If you saturate the color by 10%, you get **69B5AC**, and if you desaturate by 10%, it is **8DB5B0**.

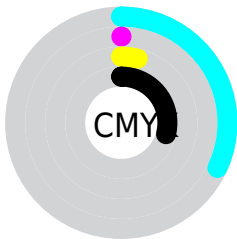
Distribution



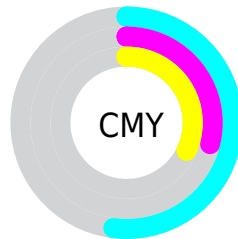
- Red (48%)
- Green (71%)
- Blue (68%)



- Red (48%)
- Yellow (60%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB5AE 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 7BB5AE by changing the saturation by 10% instead.

 7BB5AE

 7BB5AE

FFFFFF

 619A93


 B1EDE5

 47807A

 CDFFFF

 2D6761

 EAFFFF

 114E49

 003733

 00221E

 000005

 000000

 7BB5AE

 7BB5AE

69B5AC

8DB5B0

57B5AA

9FB5B2

45B5A7

B1B5B5

33B5A5

C3B5B7

21B5A3

D6B5B9

0EB5A1

E8B5BB

00B59F

FAB5BD

FFB5BF

FFB5C2

Harmonies

Analogous

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



8BB49B



7BB5AE



77B4C0

Triad

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



7BB5AE



B3A4C8



C5A489

Complementary

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



7BB5AE



B57B82

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.



CF9F95



7BB5AE



C69FB9

Square

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



7BB5AE



9AAACF



D09DA7



B4AA85

Rectangle

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



7BB5AE



7EB2C9



D09DA7



C9A28C

Sweetspot

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



7BB5AE



D3EBE8



83B57B



677574



F5F5F5



757575

Same Dimension

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



7BB5AE



91EBE0



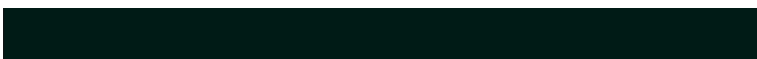
7BA0B5



505958



009987



001A16

Inverse Universe

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



B57B82



EB919C



B5907B



595051



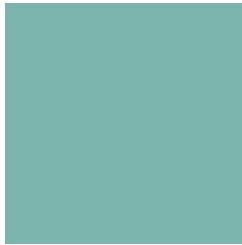
990012



1A0003

Previews

White Background



This preview shows how the Hex color 7BB5AE looks on a white background.

Color Contrast Check

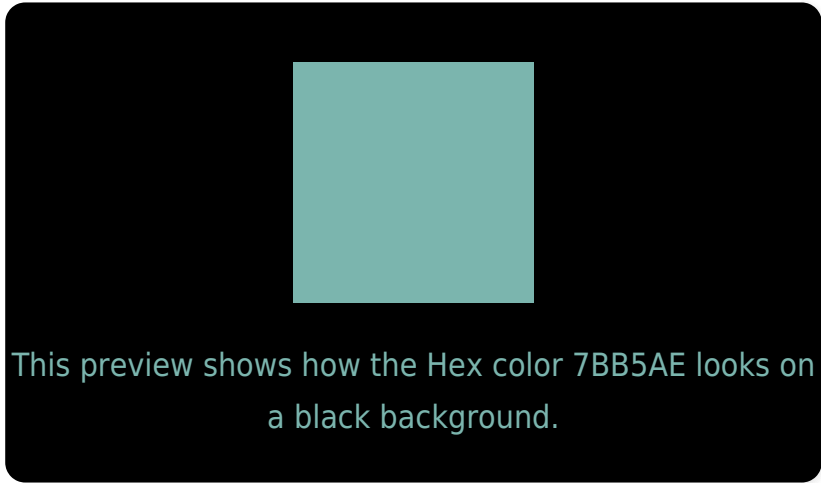
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

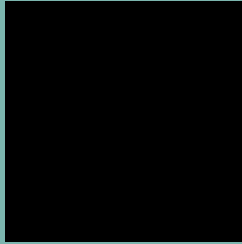
Any Text WCAG AA ✓ Pass

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 7BB5AE Background



This preview shows how black text looks on a background with the Hex color 7BB5AE.



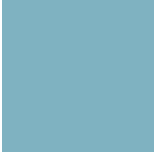
This preview shows how white text looks on a background with the Hex color 7BB5AE.

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](#).

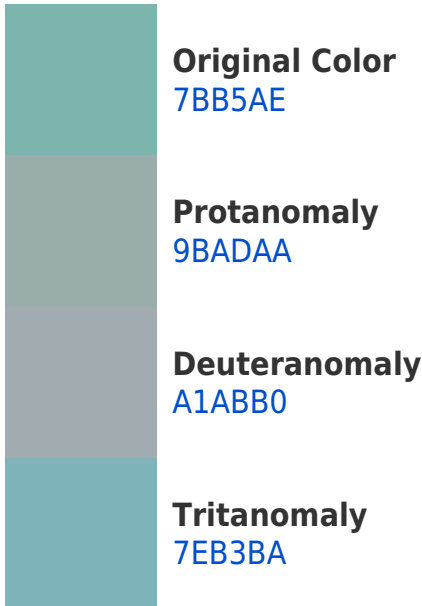
Dichromacy



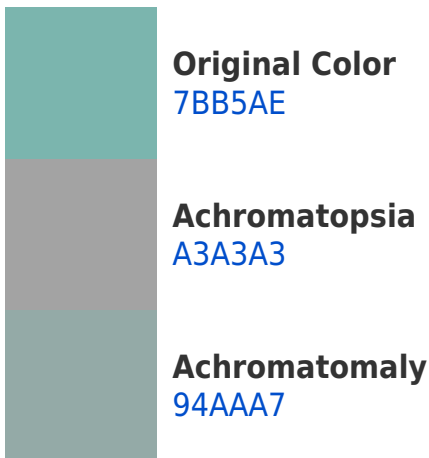


Tritanopia
7FB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB5AE 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 #7BB5AE looks like.

```
.text, #text, p{  
    color:#7BB5AE  
}
```

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 #7BB5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB5AE
}
```

Border

The CSS property to change the border of an element to Hex 7BB5AE 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
#7BB5AE }
```

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

```
.border{ border-color:#7BB5AE }
```

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

Here you see how a box with a 4 pixel #7BB5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB5AE; -webkit-box-shadow:4px 4px  
4px 4px #7BB5AE; box-shadow:4px 4px 4px  
4px #7BB5AE }
```

Background

The CSS property to change the background color of an element to Hex 7BB5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB5AE }
```

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

```
.background{ background-color:#7BB5AE }
```

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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