

Converting Colors

Hex(6BC8AB)

Have a look what the booklet for
Hex(6BC8AB) contains.

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Color

Hex(6BC8AB)

Conversions

Conversions Part 1

Format	Color
Hex	6BC8AB
RGB	107, 200, 171
RGB Percent	42%, 78%, 67%
CMY	0.5804, 0.2157, 0.3294
CMYK	0.46, 0.00, 0.15, 0.22
HSL	161°, 46%, 60%
HSV	161°, 46%, 78%
XYZ	34.0684, 47.3746, 45.8767
YIQ	168.8870, -46.1190, -28.7350

Conversions

Conversions Part 2

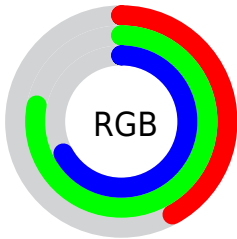
Format	Color
RYB	107, 162, 200
Decimal	7063723
CIELab	74.43, -34.61, 5.98
CIELCh	74, 35.117, 170.204
Yxy	47.3746, 0.2676, 0.3721
Android (android.graphics.Color)	4285253803 (0xFF6BC8AB)
YUV	168.8870, 1.0417, -54.2749
Hunter-Lab	68.8292, -32.0991, 8.6619

Details

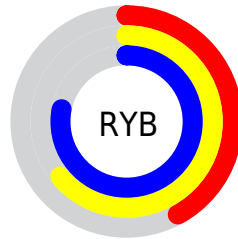
The Hex color **6BC8AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C86B88**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A3FFE2**, and **319177** is the 20% darker color. If you saturate the color by 10%, you get **57C8A5**, and if you desaturate by 10%, it is **7FC8B1**.

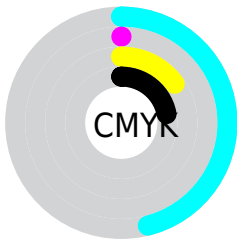
Distribution



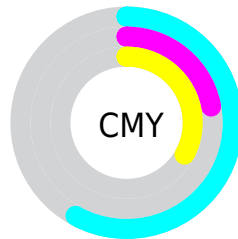
- Red (42%)
- Green (78%)
- Blue (67%)



- Red (42%)
- Yellow (64%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC8AB 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 6BC8AB by changing the saturation by 10% instead.

 6BC8AB

 6BC8AB

FFFFFF

 4FAC90

 A3FFE2

 319177

 C0FFFF

 08775E

 DDFFFF

 005E47

 FAFFFF

 004630

 002F1B

 001801

 000000

 6BC8AB

 6BC8AB

 57C8A5

 7FC8B1

 43C89F

 93C8B7

 2FC898

 A7C8BE

 1BC892

 BBC8C4

 07C88C

 CFC8CA

 00C88A

 E3C8D0

 F7C8D7

 FFC8DD

 FFC8E3

Harmonies

Analogous

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



92C48D



6BC8AB



4AC8CC

Triad

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



6BC8AB



ACB3F3



EEA787

Complementary

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



6BC8AB



C86B88

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.



F79FA2



6BC8AB



D6A7E1

Square

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



6BC8AB



7ABDF6



EFA0C3



D7B178

Rectangle

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



6BC8AB



47C7E0



EFA0C3



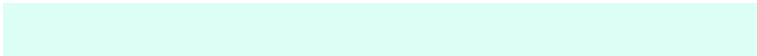
F3A48F

Sweetspot

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



6BC8AB



DBFFF4



88C86B



6A8079



000000



808080

Same Dimension

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



6BC8AB



70FFD2



6BB7C8



5A6360



00A370



002419

Inverse Universe

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



C86B88



FF709D



C87C6B



635A5D



A30033



24000B

Previews

White Background



This preview shows how the Hex color 6BC8AB looks on a white background.

Color Contrast Check

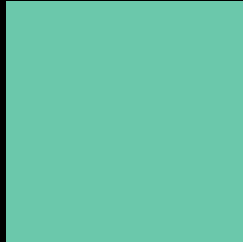
Large Text (above 18pt) WCAG AA × Fail

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 6BC8AB 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 6BC8AB Background



This preview shows how black text looks on a background with the Hex color 6BC8AB.



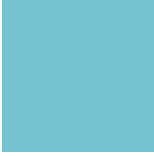
This preview shows how white text looks on a background with the Hex color 6BC8AB.

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](#).

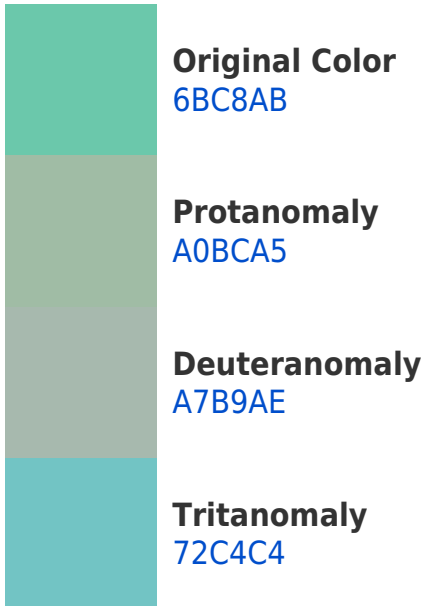
Dichromacy



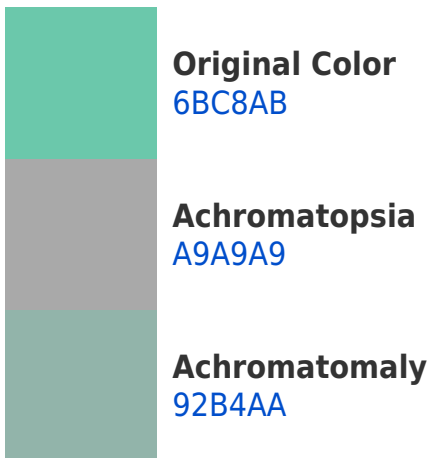


Tritanopia
76C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC8AB 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 #6BC8AB looks like.

```
.text, #text, p{  
    color:#6BC8AB  
}
```

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 #6BC8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC8AB
}
```

Border

The CSS property to change the border of an element to Hex 6BC8AB 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
#6BC8AB }
```

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

```
.border{ border-color:#6BC8AB }
```

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

Here you see how a box with a 4 pixel #6BC8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC8AB; -webkit-box-shadow:4px 4px  
4px 4px #6BC8AB; box-shadow:4px 4px 4px  
4px #6BC8AB }
```

Background

The CSS property to change the background color of an element to Hex 6BC8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC8AB }
```

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

```
.background{ background-color:#6BC8AB }
```

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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