

Converting Colors

Hex(6AC8BC)

Have a look what the booklet for
Hex(6AC8BC) contains.

Hex(6AC8BC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AC8BC)

Conversions

Conversions Part 1

Format	Color
Hex	6AC8BC
RGB	106, 200, 188
RGB Percent	42%, 78%, 74%
CMY	0.5843, 0.2157, 0.2627
CMYK	0.47, 0.00, 0.06, 0.22
HSL	172°, 46%, 60%
HSV	172°, 47%, 78%
XYZ	35.6752, 48.0036, 54.9623
YIQ	170.5260, -52.1720, -23.6600

Conversions

Conversions Part 2

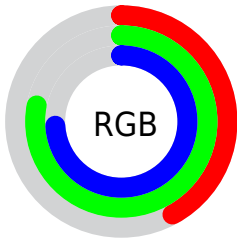
Format	Color
RYB	106, 156, 200
Decimal	6998204
CIELab	74.83, -30.82, -2.65
CIELCh	75, 30.938, 184.907
Yxy	48.0036, 0.2573, 0.3462
Android (android.graphics.Color)	4285188284 (0xFF6AC8BC)
YUV	170.5260, 8.6147, -56.5893
Hunter-Lab	69.2846, -29.3369, 1.4655

Details

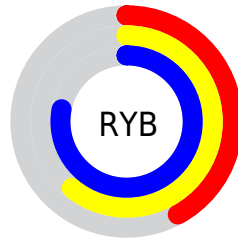
The Hex color **6AC8BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86A76**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A3FFF4**, and **2E9287** is the 20% darker color. If you saturate the color by 10%, you get **56C8B9**, and if you desaturate by 10%, it is **7EC8BF**.

Distribution



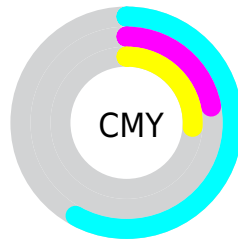
- Red (42%)
- Green (78%)
- Blue (74%)



- Red (42%)
- Yellow (61%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC8BC 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 6AC8BC by changing the saturation by 10% instead.

 6AC8BC

 6AC8BC

FFFFFF

 4DACA1

 A3FFF4

 2E9287

 C0FFFF

 00786E

 DDFFFF

 005E55

 FAFFFF

 00463E

 002F28

 001A14

 000000

 6AC8BC

 6AC8BC

■ 56C8B9

■ 7EC8BF

■ 42C8B7

■ 92C8C1

■ 2EC8B4

■ A6C8C4

■ 1AC8B2

■ BAC8C6

■ 06C8AF

■ CEC8C9

■ 00C8AE

■ E2C8CB

■ F6C8CE

■ FFC8D0

■ FFC8D3

Harmonies

Analogous

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



88C69F



6AC8BC



5EC7D8

Triad

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



6AC8BC



C2AFE7



E1AE85

Complementary

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



6AC8BC



C86A76

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.



EFA699



6AC8BC



E1A7D1

Square

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



6AC8BC



9AB9F0



F0A3B4



C8B87F

Rectangle

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



6AC8BC



68C4E6



F0A3B4



E7AB8B

Sweetspot

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



6AC8BC



DBFFFA



77C86A



6A807D



000000



808080

Same Dimension

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



6AC8BC



70FFED



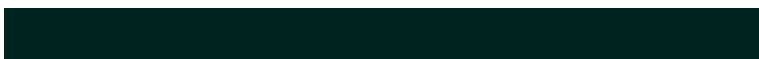
6AA6C8



5A6362



00A38E



00241F

Inverse Universe

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



C86A76



FF7082



C88C6A



635A5B



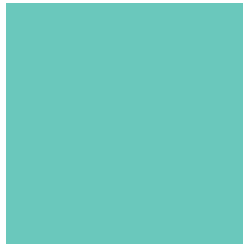
A30015



240005

Previews

White Background



This preview shows how the Hex color 6AC8BC looks on a white background.

Color Contrast Check

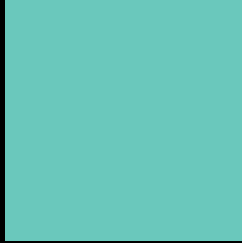
Large Text (above 18pt) WCAG AA × Fail

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 6AC8BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

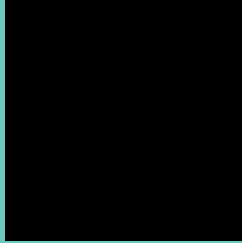
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

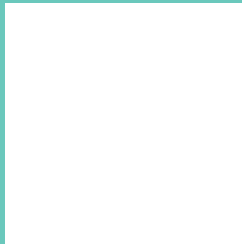
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6AC8BC Background



This preview shows how black text looks on a background with the Hex color 6AC8BC.



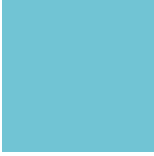
This preview shows how white text looks on a background with the Hex color 6AC8BC.

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



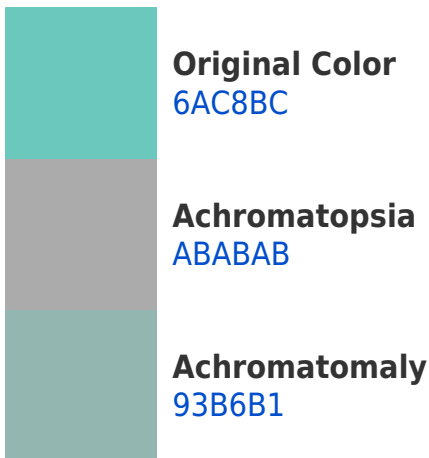


Tritanopia
71C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC8BC 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 #6AC8BC looks like.

```
.text, #text, p{  
    color:#6AC8BC  
}
```

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 #6AC8BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC8BC
}
```

Border

The CSS property to change the border of an element to Hex 6AC8BC 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
#6AC8BC }
```

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

```
.border{ border-color:#6AC8BC }
```

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

Here you see how a box with a 4 pixel #6AC8BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC8BC; -webkit-box-shadow:4px 4px  
4px 4px #6AC8BC; box-shadow:4px 4px 4px  
4px #6AC8BC }
```

Background

The CSS property to change the background color of an element to Hex 6AC8BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC8BC }
```

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

```
.background{ background-color:#6AC8BC }
```

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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