

Converting Colors

Hex(6CB9A8)

Have a look what the booklet for
Hex(6CB9A8) contains.

Hex(6CB9A8)	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(6CB9A8)

Conversions

Conversions Part 1

Format	Color
Hex	6CB9A8
RGB	108, 185, 168
RGB Percent	42%, 73%, 66%
CMY	0.5765, 0.2745, 0.3412
CMYK	0.42, 0.00, 0.09, 0.27
HSL	167°, 35%, 57%
HSV	167°, 42%, 73%
XYZ	30.6012, 40.7132, 43.2914
YIQ	160.0390, -40.4350, -21.6110

Conversions

Conversions Part 2

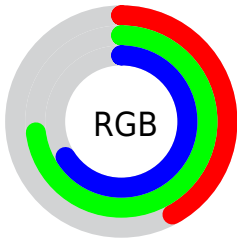
Format	Color
RYB	108, 151, 185
Decimal	7125416
CIELab	69.97, -27.89, 1.17
CIElCh	70, 27.913, 177.605
Yxy	40.7132, 0.2670, 0.3552
Android (android.graphics.Color)	4285315496 (0xFF6CB9A8)
YUV	160.0390, 3.9248, -45.6382
Hunter-Lab	63.8069, -26.0552, 4.4381

Details

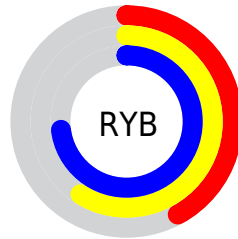
The Hex color **6CB9A8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B96C7D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A3F1DF**, and **358474** is the 20% darker color. If you saturate the color by 10%, you get **5AB9A4**, and if you desaturate by 10%, it is **7FB9AC**.

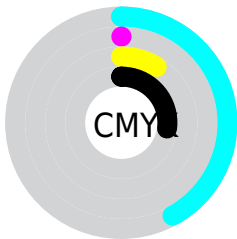
Distribution



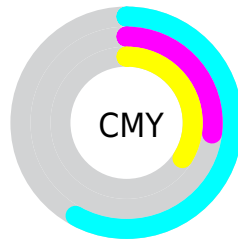
- Red (42%)
- Green (73%)
- Blue (66%)



- Red (42%)
- Yellow (59%)
- Blue (73%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6CB9A8 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 6CB9A8 by changing the saturation by 10% instead.

 6CB9A8

 6CB9A8

FFFFFF

 519E8E

 A3F1DF

 358474

 BFFFFC

 166A5C

 DCFFFF

 005144

 F9FFFF

 003A2E

 002419

 000000

 6CB9A8

 6CB9A8

 5AB9A4

 7FB9AC

 47B9A0

 91B9B0

 35B99C

 A3B9B4

 22B998

 B6B9B8

 10B994

 C9B9BC

 00B990

 DBB9C1

 EDB9C5

 FFB9C9

 FFB9CD

Harmonies

Analogous

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



87B68F



6CB9A8



5DB9C2

Triad

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



6CB9A8



ACA5D8



D3A081

Complementary

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



6CB9A8



B96C7D

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.



DE9A95



6CB9A8



CA9DC7

Square

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



6CB9A8



88AEDD



DB99AE



BFA978

Rectangle

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



6CB9A8



61B6D0



DB99AE



D89E87

Sweetspot

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



6CB9A8



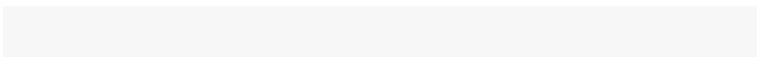
D3F0E9



7EB96C



677874



F7F7F7



787878

Same Dimension

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



6CB9A8



78F0D5



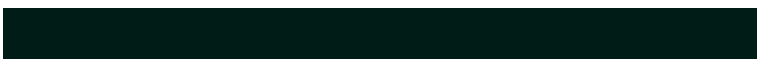
6CA4B9



535C5A



009C79



001C16

Inverse Universe

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



B96C7D



F07892



B9816C



5C5355



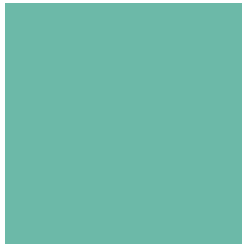
9C0022



1C0006

Previews

White Background



This preview shows how the Hex color 6CB9A8 looks on a white background.

Color Contrast Check

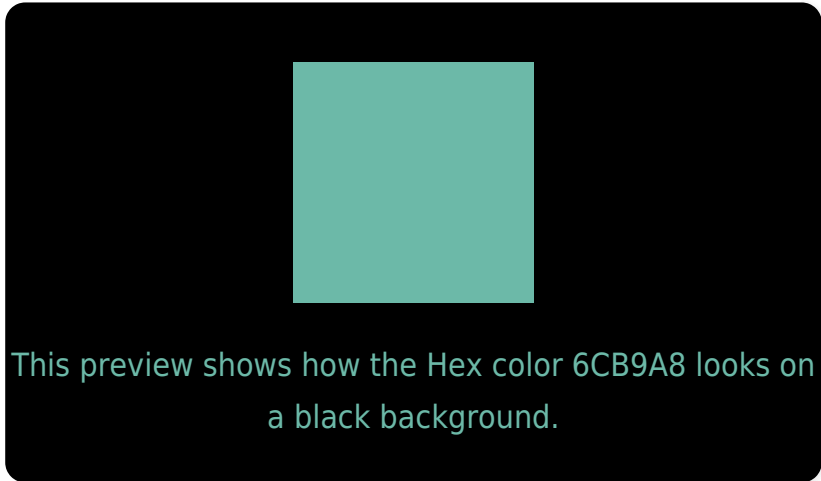
Large Text (above 18pt) WCAG AA × Fail

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

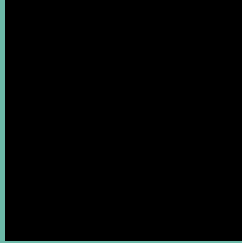
Any Text WCAG AA ✓ Pass

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 6CB9A8 Background



This preview shows how black text looks on a background with the Hex color 6CB9A8.

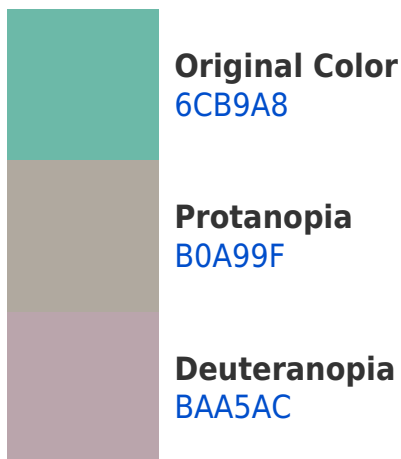


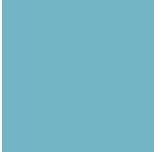
This preview shows how white text looks on a background with the Hex color 6CB9A8.

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](#).

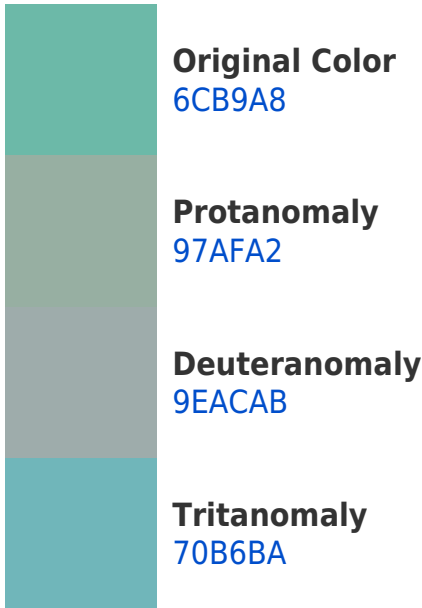
Dichromacy



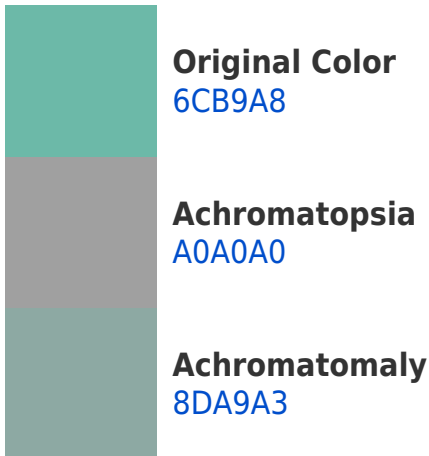


Tritanopia
73B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB9A8 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 #6CB9A8 looks like.

```
.text, #text, p{  
    color:#6CB9A8  
}
```

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 #6CB9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB9A8
}
```

Border

The CSS property to change the border of an element to Hex 6CB9A8 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
#6CB9A8 }
```

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

```
.border{ border-color:#6CB9A8 }
```

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

Here you see how a box with a 4 pixel #6CB9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB9A8; -webkit-box-shadow:4px 4px  
4px 4px #6CB9A8; box-shadow:4px 4px 4px  
4px #6CB9A8 }
```

Background

The CSS property to change the background color of an element to Hex 6CB9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB9A8 }
```

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

```
.background{ background-color:#6CB9A8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor