

# Converting Colors

Hex(6CB7A7)

Have a look what the booklet for  
Hex(6CB7A7) contains.

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**Color**

**Hex(6CB7A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CB7A7
RGB	108, 183, 167
RGB Percent	42%, 72%, 65%
CMY	0.5765, 0.2824, 0.3451
CMYK	0.41, 0.00, 0.09, 0.28
HSL	167°, 34%, 57%
HSV	167°, 41%, 72%
XYZ	30.0929, 39.8451, 42.6640
YIQ	158.7510, -39.5640, -20.8760

# Conversions

## Conversions Part 2

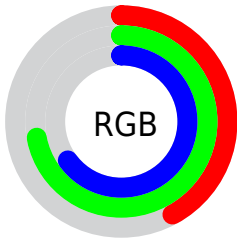
Format	Color
<a href="#">RYB</a>	<a href="#">108, 150, 183</a>
Decimal	<a href="#">7124903</a>
CIELab	<a href="#">69.36, -27.14, 0.82</a>
CIELCh	<a href="#">69, 27.156, 178.271</a>
Yxy	<a href="#">39.8451, 0.2672, 0.3539</a>
Android (android.graphics.Color)	<a href="#">4285314983</a> ( <a href="#">0xFF6CB7A7</a> )
YUV	<a href="#">158.7510, 4.0668, -44.5086</a>
Hunter-Lab	<a href="#">63.1230, -25.3683, 4.1127</a>

# Details

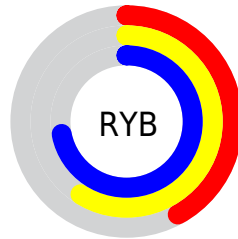
The Hex color **6CB7A7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B76C7C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A3EFDE**, and **368273** is the 20% darker color. If you saturate the color by 10%, you get **5AB7A3**, and if you desaturate by 10%, it is **7EB7AB**.

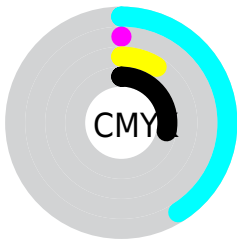
# Distribution



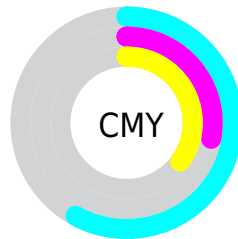
- Red (42%)
- Green (72%)
- Blue (65%)



- Red (42%)
- Yellow (59%)
- Blue (72%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (58%)
- Magenta (28%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB7A7 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 6CB7A7 by changing the saturation by 10% instead.





6CB7A7



6CB7A7

FFFFFF



519C8D



A3EFDE



368273



BFFFFB



17685B



DCFFFF



005043



F9FFFF



00382D



002318



000000



6CB7A7



6CB7A7




5AB7A3



7EB7AB

 47B79F


 91B7AF

 35B79B

 A3B7B3

 23B797

 B5B7B7

 11B793

 C8B7BB

 00B790

 DAB7BE

 ECB7C2

 FEB7C6

 FFB7CA

# Harmonies

## Analogous

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



86B48F



6CB7A7



5EB6C0

# Triad

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



6CB7A7



ABA4D5



D09F80

# Complementary

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



6CB7A7



B76C7C

# 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.



DB9993



6CB7A7



C89CC4

# Square

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



6CB7A7



88ACDA



D897AC



BCA778

# Rectangle

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



6CB7A7



63B4CD



D897AC



D59D86



# Sweetspot

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



6CB7A7



D1EDE7



7CB76C



677874



F7F7F7



787878



# Same Dimension

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



6CB7A7



79EDD4



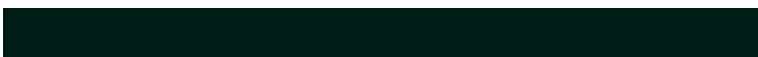
6CA2B7



535C5A



009C7A



001C16



# Inverse Universe

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



B76C7C



ED7992



B7816C



5C5355



9C0021

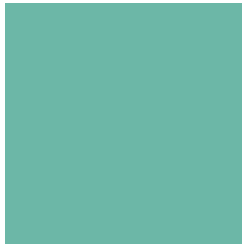


1C0006



# Previews

## White Background



This preview shows how the Hex color 6CB7A7 looks on a white background.

## Color Contrast Check

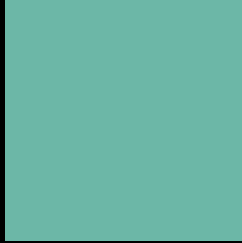
Large Text (above 18pt) WCAG AA × Fail

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 6CB7A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

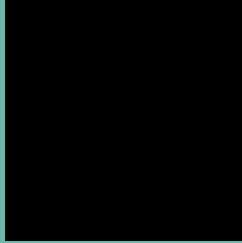
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CB7A7 Background



This preview shows how black text looks on a background with the Hex color 6CB7A7.



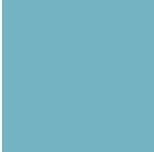
This preview shows how white text looks on a background with the Hex color 6CB7A7.

# 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](#).

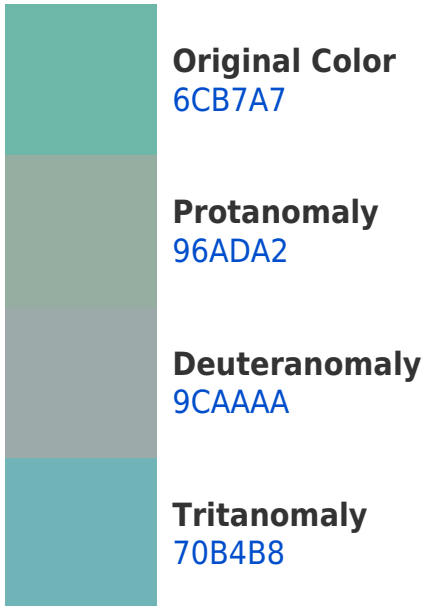
## Dichromacy



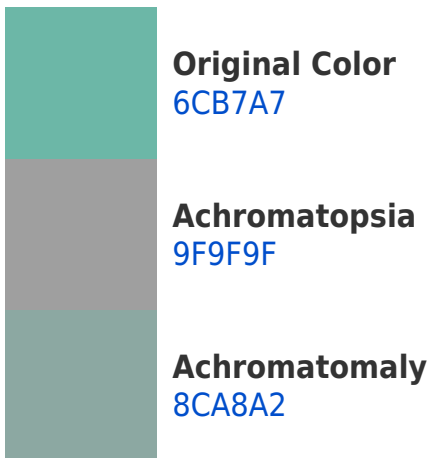


**Tritanopia**  
73B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB7A7 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 #6CB7A7 looks like.

```
.text, #text, p{  
    color:#6CB7A7  
}
```

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 #6CB7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB7A7  
}
```

## Border

The CSS property to change the border of an element to Hex 6CB7A7 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  
#6CB7A7 }
```

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

```
.border{ border-color:#6CB7A7 }
```

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

Here you see how a box with a 4 pixel #6CB7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB7A7; -webkit-box-shadow:4px 4px  
4px 4px #6CB7A7; box-shadow:4px 4px 4px  
4px #6CB7A7 }
```

# Background

The CSS property to change the background color of an element to Hex 6CB7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB7A7 }
```

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

```
.background{ background-color:#6CB7A7 }
```

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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