

# Converting Colors

Hex(6CB6BC)

Have a look what the booklet for  
Hex(6CB6BC) contains.

<b>Hex(6CB6BC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6CB6BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CB6BC
RGB	108, 182, 188
RGB Percent	42%, 71%, 74%
CMY	0.5765, 0.2863, 0.2627
CMYK	0.43, 0.03, 0.00, 0.26
HSL	184°, 37%, 58%
HSV	184°, 43%, 74%
XYZ	31.9894, 40.2749, 53.6648
YIQ	160.5580, -46.0300, -13.8220

# Conversions

## Conversions Part 2

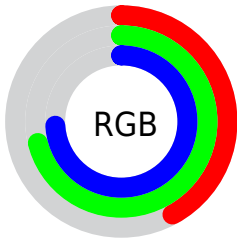
Format	Color
<a href="#">RYB</a>	<a href="#">108, 146, 188</a>
Decimal	<a href="#">7124668</a>
CIELab	<a href="#">69.66, -21.45, -10.28</a>
CIELCh	<a href="#">70, 23.786, 205.616</a>
Yxy	<a href="#">40.2749, 0.2540, 0.3198</a>
Android (android.graphics.Color)	<a href="#">4285314748 (0xFF6CB6BC)</a>
YUV	<a href="#">160.5580, 13.5289, -46.0934</a>
Hunter-Lab	<a href="#">63.4625, -21.0833, -5.7127</a>

# Details

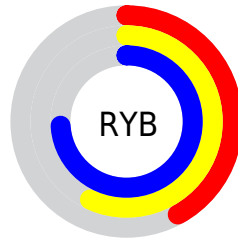
The Hex color **6CB6BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BC726C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A3EEF4**, and **348187** is the 20% darker color. If you saturate the color by 10%, you get **59B5BC**, and if you desaturate by 10%, it is **7FB7BC**.

# Distribution



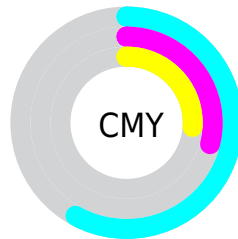
- Red (42%)
- Green (71%)
- Blue (74%)



- Red (42%)
- Yellow (57%)
- Blue (74%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (58%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB6BC 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 6CB6BC by changing the saturation by 10% instead.



 6CB6BC

 6CB6BC

FFFFFF

 509BA1

 A3EEF4

 348187

 C0FFFF

 11686E

 DDFFFF

 004F55

 FAFFFF

 00383E

 002328

 000114

 000000

 6CB6BC

 6CB6BC

■ 59B5BC

■ 7FB7BC

■ 46B3BC

■ 92B9BC

■ 34B2BC

■ A4BABC

■ 21B0BC

■ B7BCBC

■ 0EAFBC

■ CABDBC

■ 00AEBC

■ DDBEBC

■ F0C0BC

■ FFC1BC

■ FFC3BC

# Harmonies

## Analogous

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



78B6A6



6CB6BC



73B3CD

# Triad

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



6CB6BC



C39FC3



BDA87F

# Complementary

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



6CB6BC



BC726C

# 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.



CEA187



6CB6BC



D39BAE

# Square

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



6CB6BC



AAA6D1



D69C99



A7AF83

# Rectangle

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



6CB6BC



82AFD3



D69C99



C4A581



# Sweetspot

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



6CB6BC



D5F2F5



6CBC71



67797A



FAFAFA



7A7A7A



# Same Dimension

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



6CB6BC



78EBF5



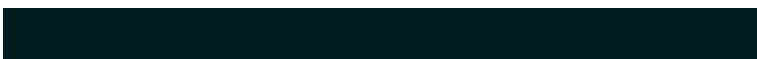
6C8FBC



555E5E



00929E



001C1F



# Inverse Universe

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



BC6CB6



F578EB



BC996C



5E555E



9E0092

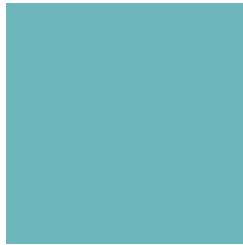


1F001C



# Previews

## White Background



This preview shows how the Hex color 6CB6BC looks on a white background.

## Color Contrast Check

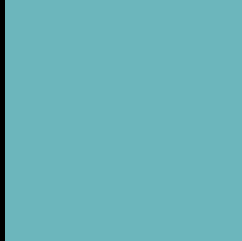
Large Text (above 18pt) WCAG AA × Fail

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 6CB6BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

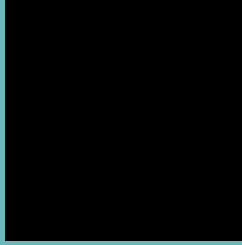
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

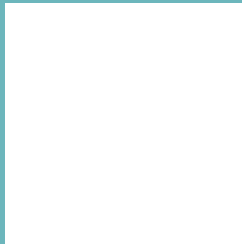
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CB6BC Background



This preview shows how black text looks on a background with the Hex color 6CB6BC.

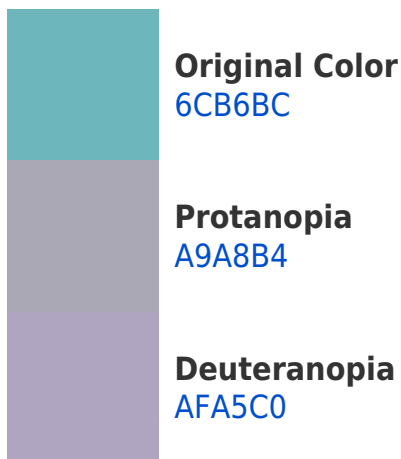


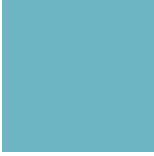
This preview shows how white text looks on a background with the Hex color 6CB6BC.

# 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



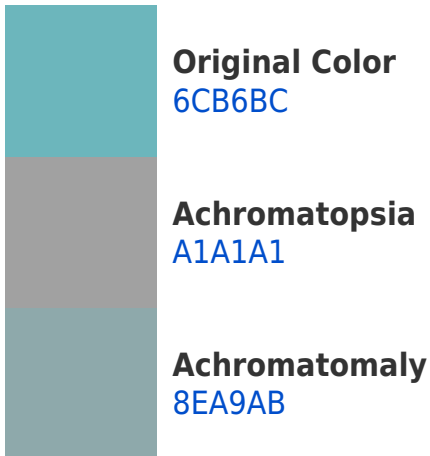


**Tritanopia**  
6EB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB6BC 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 #6CB6BC looks like.

```
.text, #text, p{  
    color:#6CB6BC  
}
```

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 #6CB6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB6BC
}
```

## Border

The CSS property to change the border of an element to Hex 6CB6BC 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
#6CB6BC }
```

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

```
.border{ border-color:#6CB6BC }
```

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

Here you see how a box with a 4 pixel #6CB6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB6BC; -webkit-box-shadow:4px 4px  
4px 4px #6CB6BC; box-shadow:4px 4px 4px  
4px #6CB6BC }
```

# Background

The CSS property to change the background color of an element to Hex 6CB6BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB6BC }
```

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

```
.background{ background-color:#6CB6BC }
```

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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