

Converting Colors

Hex(6FC7BC)

Have a look what the booklet for
Hex(6FC7BC) contains.

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Color

Hex(6FC7BC)

Conversions

Conversions Part 1

Format	Color
Hex	6FC7BC
RGB	111, 199, 188
RGB Percent	44%, 78%, 74%
CMY	0.5647, 0.2196, 0.2627
CMYK	0.44, 0.00, 0.06, 0.22
HSL	172°, 44%, 61%
HSV	172°, 44%, 78%
XYZ	36.0561, 47.8572, 54.9140
YIQ	171.4340, -48.9170, -22.0770

Conversions

Conversions Part 2

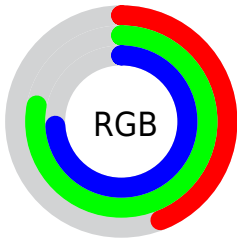
Format	Color
RYB	111, 158, 199
Decimal	7325628
CIELab	74.73, -29.15, -2.76
CIElCh	75, 29.277, 185.407
Yxy	47.8572, 0.2597, 0.3447
Android (android.graphics.Color)	4285515708 (0xFF6FC7BC)
YUV	171.4340, 8.1670, -53.0006
Hunter-Lab	69.1789, -28.0288, 1.3610

Details

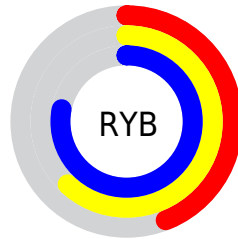
The Hex color **6FC7BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C76F7A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A7FFF4**, and **369187** is the 20% darker color. If you saturate the color by 10%, you get **5BC7BA**, and if you desaturate by 10%, it is **83C7BE**.

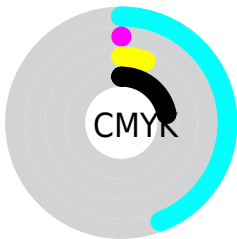
Distribution



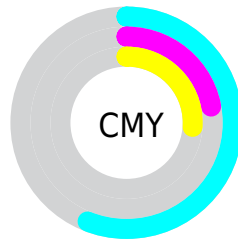
- Red (44%)
- Green (78%)
- Blue (74%)



- Red (44%)
- Yellow (62%)
- Blue (78%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC7BC 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 6FC7BC by changing the saturation by 10% instead.

 6FC7BC

 6FC7BC

FFFFFF

 53ABA1

 A7FFF4

 369187

 C4FFFF

 10776E

 E1FFFF

 005E55

 00453E

 002E28

 001A14

 000000

 6FC7BC

 6FC7BC

 5BC7BA

 83C7BE

 47C7B7

 97C7C1

 33C7B5

 ABC7C3

 1FC7B2

 BFC7C6

 0CC7B0

 D3C7C8

 00C7AE

 E6C7CB

 FAC7CD

 FFC7D0

 FFC7D2

Harmonies

Analogous

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



8AC5A1



6FC7BC



65C6D6

Triad

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



6FC7BC



C2AFE4



DEAF88

Complementary

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



6FC7BC



C76F7A

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.



ECA79A



6FC7BC



DFA7CF

Square

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



6FC7BC



9DB9ED



EDA4B4



C6B882

Rectangle

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



6FC7BC



6FC3E3



EDA4B4



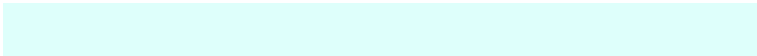
E4AC8D

Sweetspot

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



6FC7BC



DEFFFB



7BC76F



6B807D



000000



808080

Same Dimension

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



6FC7BC



78FFEE



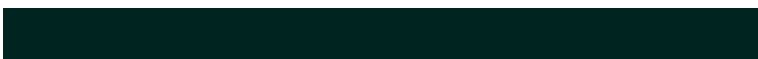
6FA7C7



5A6362



00A38F



00241F

Inverse Universe

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



C76F7A



FF7889



C78F6F



635A5B



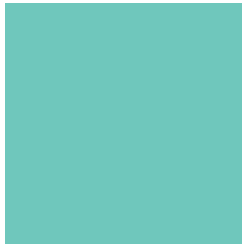
A30014



240004

Previews

White Background



This preview shows how the Hex color 6FC7BC looks on a white background.

Color Contrast Check

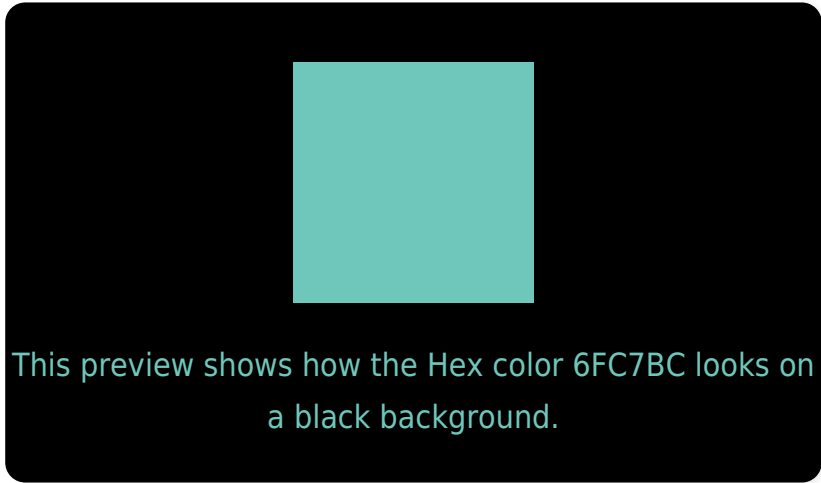
Large Text (above 18pt) WCAG AA × Fail

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

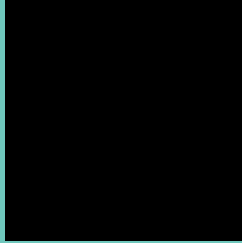
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

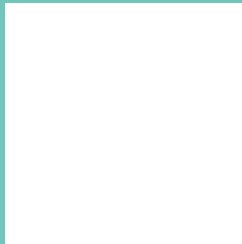
Any Text WCAG AAA ✓ Pass

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

Hex 6FC7BC Background



This preview shows how black text looks on a background with the Hex color 6FC7BC.



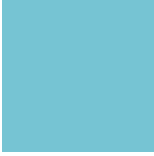
This preview shows how white text looks on a background with the Hex color 6FC7BC.

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
76C4D3

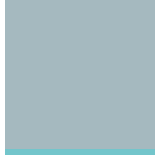
Trichromacy



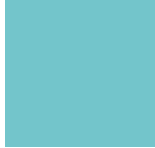
Original Color
6FC7BC



Protanomaly
9FBCB6



Deuteranomaly
A5B9BF

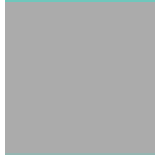


Tritanomaly
73C5CB

Monochromacy



Original Color
6FC7BC



Achromatopsia
ABABAB



Achromatomaly
95B5B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC7BC 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 #6FC7BC looks like.

```
.text, #text, p{  
    color:#6FC7BC  
}
```

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 #6FC7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC7BC
}
```

Border

The CSS property to change the border of an element to Hex 6FC7BC 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
#6FC7BC }
```

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

```
.border{ border-color:#6FC7BC }
```

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

Here you see how a box with a 4 pixel #6FC7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC7BC; -webkit-box-shadow:4px 4px  
4px 4px #6FC7BC; box-shadow:4px 4px 4px  
4px #6FC7BC }
```

Background

The CSS property to change the background color of an element to Hex 6FC7BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC7BC }
```

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

```
.background{ background-color:#6FC7BC }
```

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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