

Converting Colors

Hex(7BC5B6)

Have a look what the booklet for
Hex(7BC5B6) contains.

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Color

Hex(7BC5B6)

Conversions

Conversions Part 1

Format	Color
Hex	7BC5B6
RGB	123, 197, 182
RGB Percent	48%, 77%, 71%
CMY	0.5176, 0.2275, 0.2863
CMYK	0.38, 0.00, 0.08, 0.23
HSL	168°, 39%, 63%
HSV	168°, 38%, 77%
XYZ	36.5781, 47.5209, 51.5005
YIQ	173.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

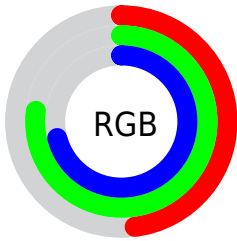
Format	Color
RYB	123, 164, 197
Decimal	8111542
CIELab	74.52, -26.49, 0.24
CIElCh	75, 26.491, 179.474
Yxy	47.5209, 0.2698, 0.3505
Android (android.graphics.Color)	4286301622 (0xFF7BC5B6)
YUV	173.1640, 4.3561, -43.9938
Hunter-Lab	68.9354, -25.9222, 3.9601

Details

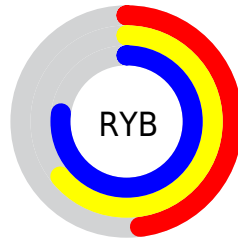
The Hex color **7BC5B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C57B8A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B2FEEE**, and **458F81** is the 20% darker color. If you saturate the color by 10%, you get **67C5B2**, and if you desaturate by 10%, it is **8FC5BA**.

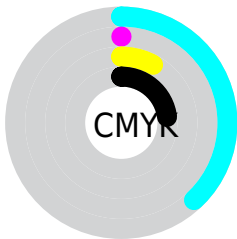
Distribution



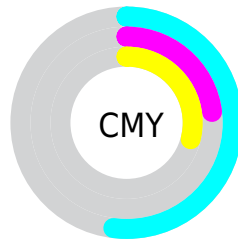
- Red (48%)
- Green (77%)
- Blue (71%)



- Red (48%)
- Yellow (64%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC5B6 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 7BC5B6 by changing the saturation by 10% instead.

 7BC5B6

 7BC5B6

FFFFFF

 60AA9B

 B2FEED

 458F81

 CFFFFFF

 297568

 EFFFFFF

 035C50

 004439

 002D24

 00190E

 000000

 7BC5B6

 7BC5B6

67C5B2

8FC5BA

54C5AE

A2C5BE

40C5AA

B6C5C2

2CC5A6

CAC5C6

19C5A2

DEC5CA

05C59E

F1C5CE

00C59D

FFC5D2

FFC5D6

FFC5DA

Harmonies

Analogous

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



94C29E



7BC5B6



70C4CE

Triad

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



7BC5B6



BBB1E2



DEAD8E

Complementary

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



7BC5B6



C57B8A

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.



E8A7A0



7BC5B6



D6AAD0

Square

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



7BC5B6



99BAE8



E6A6B9



CAB687

Rectangle

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



7BC5B6



75C2DC



E6A6B9



E3AB93

Sweetspot

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



7BC5B6



E3FFF9



8BC57B



6F807C



000000



808080

Same Dimension

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



7BC5B6



8CFFE8



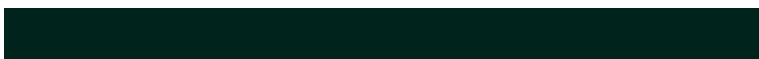
7BB0C5



5A6361



00A382



00241C

Inverse Universe

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



C57B8A



FF8CA4



C5907B



635A5C



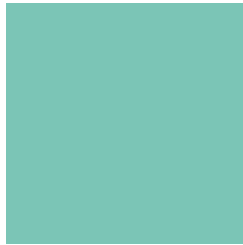
A30021



240007

Previews

White Background



This preview shows how the Hex color 7BC5B6 looks on a white background.

Color Contrast Check

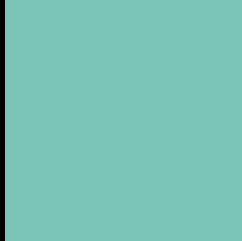
Large Text (above 18pt) WCAG AA × Fail

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 7BC5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

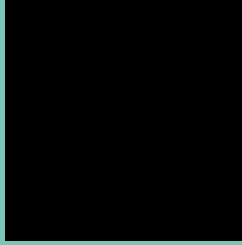
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

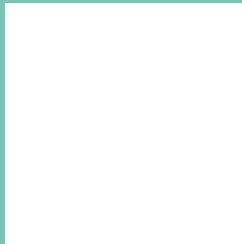
Any Text WCAG AAA ✓ Pass

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

Hex 7BC5B6 Background



This preview shows how black text looks on a background with the Hex color 7BC5B6.

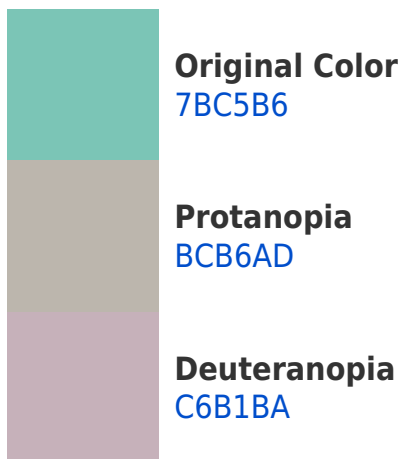


This preview shows how white text looks on a background with the Hex color 7BC5B6.

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
82C1D1

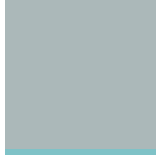
Trichromacy



Original Color
7BC5B6



Protanomaly
A4BBB0



Deuteranomaly
ABB8B9



Tritanomaly
7FC2C7

Monochromacy



Original Color
7BC5B6



Achromatopsia
ADADAD



Achromatomaly
9BB6B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC5B6 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 #7BC5B6 looks like.

```
.text, #text, p{  
    color:#7BC5B6  
}
```

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 #7BC5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC5B6  
}
```

Border

The CSS property to change the border of an element to Hex 7BC5B6 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  
#7BC5B6 }
```

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

```
.border{ border-color:#7BC5B6 }
```

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

Here you see how a box with a 4 pixel #7BC5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC5B6; -webkit-box-shadow:4px 4px  
4px 4px #7BC5B6; box-shadow:4px 4px 4px  
4px #7BC5B6 }
```

Background

The CSS property to change the background color of an element to Hex 7BC5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC5B6 }
```

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

```
.background{ background-color:#7BC5B6 }
```

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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