

Converting Colors

Hex(6BCCBA)

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

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Color

Hex(6BCCBA)

Conversions

Conversions Part 1

Format	Color
Hex	6BCCBA
RGB	107, 204, 186
RGB Percent	42%, 80%, 73%
CMY	0.5804, 0.2000, 0.2706
CMYK	0.48, 0.00, 0.09, 0.20
HSL	169°, 49%, 61%
HSV	169°, 48%, 80%
XYZ	36.5192, 49.8567, 54.1529
YIQ	172.9450, -52.0340, -26.1620

Conversions

Conversions Part 2

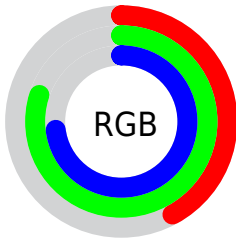
Format	Color
RYB	107, 160, 204
Decimal	7064762
CIELab	75.98, -32.98, 0.13
CIELCh	76, 32.977, 179.776
Yxy	49.8567, 0.2599, 0.3548
Android (android.graphics.Color)	4285254842 (0xFF6BCCBA)
YUV	172.9450, 6.4361, -57.8338
Hunter-Lab	70.6093, -31.2458, 3.9548

Details

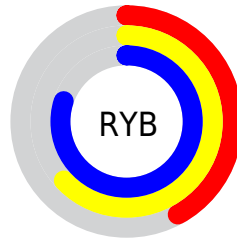
The Hex color **6BCCBA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC6B7D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A4FFF2**, and **2F9585** is the 20% darker color. If you saturate the color by 10%, you get **57CCB6**, and if you desaturate by 10%, it is **7FCCBE**.

Distribution



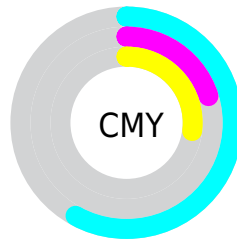
- Red (42%)
- Green (80%)
- Blue (73%)



- Red (42%)
- Yellow (63%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 6BCCBA

 6BCCBA

FFFFFF

 4EB09F

 A4FFF2

 2F9585

 C1FFFF

 007B6C

 DEFFFF

 006254

 FCFFFF

 00493D

 003227

 001E12

 000000

 6BCCBA

 6BCCBA

 57CCB6

 7FCCBE

 42CCB2

 94CCC2

 2ECCAF

 A8CCC5

 19CCAB

 BDCCC9

 05CCA7

 D1CCCD

 00CCA6

 E5CCD1

 FACCD4

 FFCCD8

 FFCCDC

Harmonies

Analogous

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



8DC99C



6BCCBA



58CBD8

Triad

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



6BCCBA



BFB4F0



EAAF88

Complementary

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



6BCCBA



CC6B7D

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.



F7A79F



6BCCBA



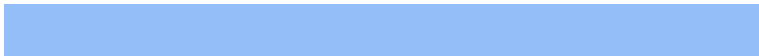
E2AADA

Square

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



6BCCBA



93BEF8



F5A5BD



D1B97E

Rectangle

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



6BCCBA



5FC9E9



F5A5BD



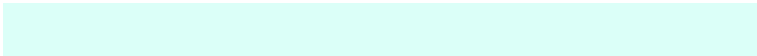
F0AC8E

Sweetspot

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



6BCCBA



DBFFF8



7ECC6B



6A807B



000000



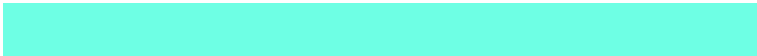
808080

Same Dimension

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



6BCCBA



6EFFE4



6BAFCC



5C6664



00A687



00261F

Inverse Universe

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



CC6B7D



FF6E89



CC886B



665C5E



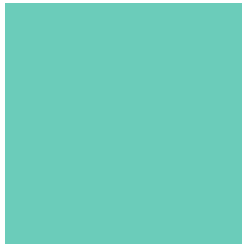
A6001F



260007

Previews

White Background



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

Color Contrast Check

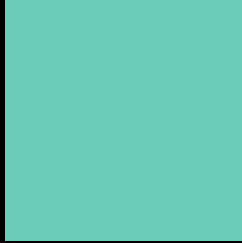
Large Text (above 18pt) WCAG AA × Fail

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 6BCCBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

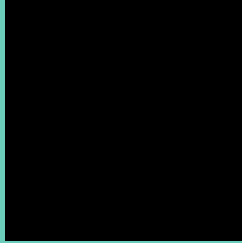
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

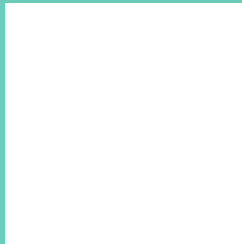
Any Text WCAG AAA ✓ Pass

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

Hex 6BCCBA Background



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



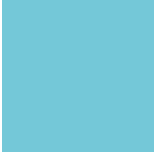
This preview shows how white text looks on a background with the Hex color 6BCCBA.

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](#).

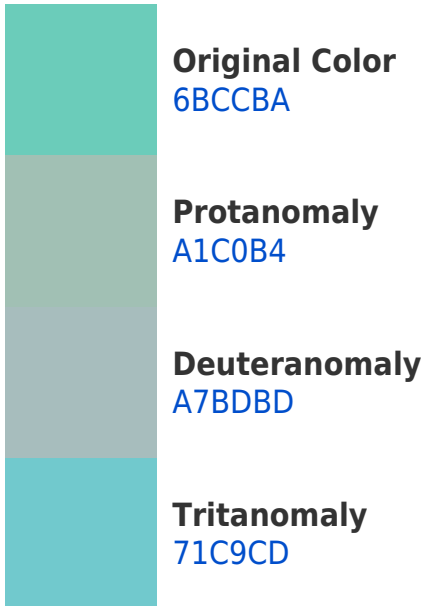
Dichromacy



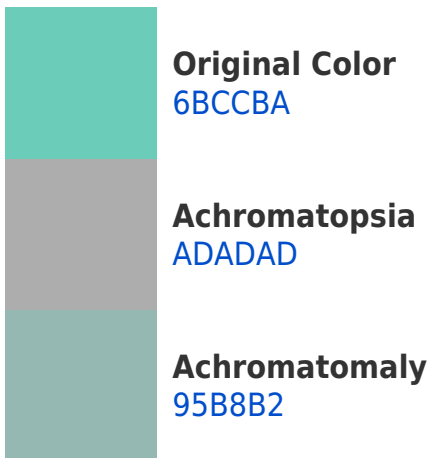


Tritanopia
74C8D8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6BCCBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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