

# Converting Colors

Hex(6BC3CE)

Have a look what the booklet for  
Hex(6BC3CE) contains.

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# Color

**Hex(6BC3CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC3CE
RGB	107, 195, 206
RGB Percent	42%, 76%, 81%
CMY	0.5804, 0.2353, 0.1922
CMYK	0.48, 0.05, 0.00, 0.19
HSL	187°, 50%, 61%
HSV	187°, 48%, 81%
XYZ	36.7191, 46.6122, 65.4543
YIQ	169.9420, -55.9790, -15.2350

# Conversions

## Conversions Part 2

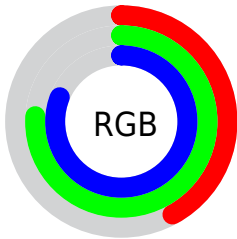
Format	Color
R <sub>Y</sub> B	107, 154, 206
Decimal	7062478
CIE Lab	73.94, -23.52, -13.72
CIE LCh	74, 27.231, 210.261
Yxy	46.6122, 0.2468, 0.3133
Android (android.graphics.Color)	4285252558 (0xFF6BC3CE)
YUV	169.9420, 17.7766, -55.2001
Hunter-Lab	68.2732, -23.4761, -9.0508

# Details

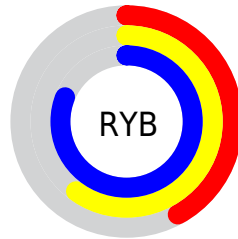
The Hex color **6BC3CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE766B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A4FCFF**, and **2E8D98** is the 20% darker color. If you saturate the color by 10%, you get **56C1CE**, and if you desaturate by 10%, it is **80C5CE**.

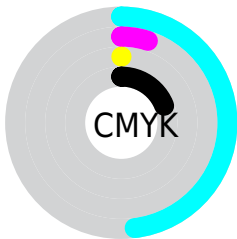
# Distribution



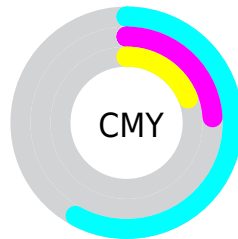
- Red (42%)
- Green (76%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (24%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC3CE 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 6BC3CE by changing the saturation by 10% instead.



 6BC3CE

 6BC3CE

FFFFFF

 4EA8B3

 A4FCFF

 2E8D98

 C1FFFF

 00737E

 DEFFFF

 005A65

 FCFFFF

 00434D

 002C36

 001721

 000008

 000000

 6BC3CE

 6BC3CE

 56C1CE

 80C5CE

 42BECE

 94C8CE

 2DBCCE

 A9CACE

 19BACE

 BDCCCE

 04B8CE

 D2CECE

 00B7CE

 E7D1CE

 FBD3CE

 FFD5CE

 FFD8CE

# Harmonies

## Analogous

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



77C4B5



6BC3CE



78BFE0

# Triad

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



6BC3CE



D6A7CF



C8B484

# Complementary

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



6BC3CE



CE766B

# 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.



DDAC8B



6BC3CE



E6A4B6

# Square

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



6BC3CE



BAAFE1



E8A59E



ADBC8A

# Rectangle

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



6BC3CE



8BBBE6



E8A59E



D0B185

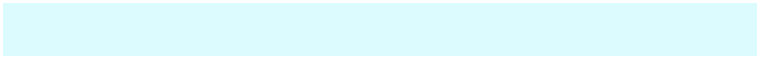


# Sweetspot

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



6BC3CE



DBFBFF



6BCE75



6A7D80



000000



808080



# Same Dimension

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



6BC3CE



6BEFFF



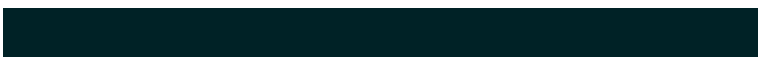
6B93CE



5C6566



0093A6



002226



# Inverse Universe

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



CE6BC3



FF6BEF



CEA66B



665C65



A60093

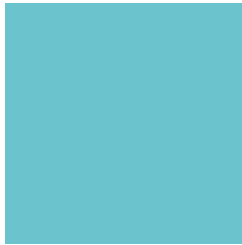


260022



# Previews

## White Background



This preview shows how the Hex color 6BC3CE looks on a white background.

## Color Contrast Check

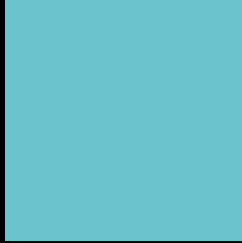
Large Text (above 18pt) WCAG AA × Fail

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 6BC3CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

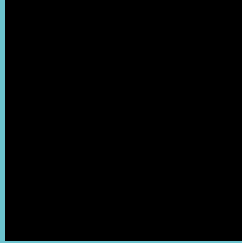
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BC3CE Background



This preview shows how black text looks on a background with the Hex color 6BC3CE.



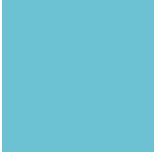
This preview shows how white text looks on a background with the Hex color 6BC3CE.

# 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](#).

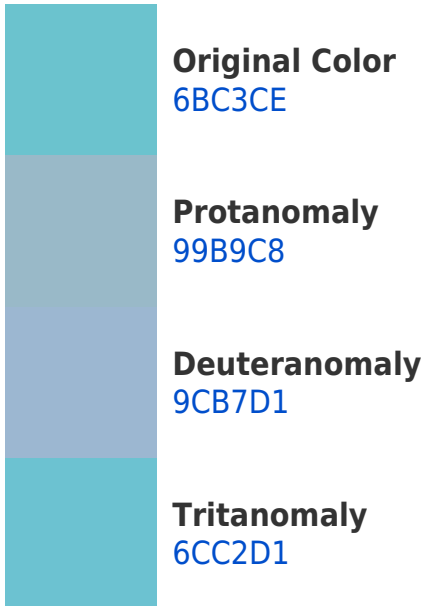
## Dichromacy



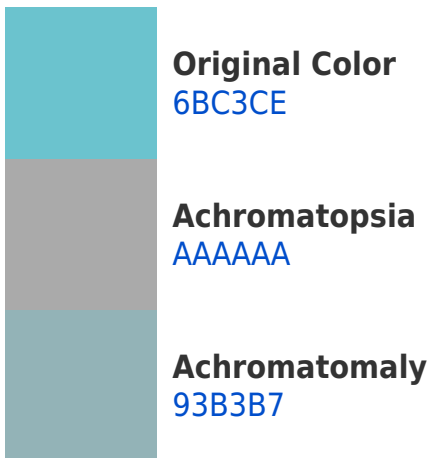


**Tritanopia**  
6CC2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC3CE 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 #6BC3CE looks like.

```
.text, #text, p{  
    color:#6BC3CE  
}
```

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 #6BC3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC3CE
}
```

## Border

The CSS property to change the border of an element to Hex 6BC3CE 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
#6BC3CE }
```

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

```
.border{ border-color:#6BC3CE }
```

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

Here you see how a box with a 4 pixel #6BC3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC3CE; -webkit-box-shadow:4px 4px  
4px 4px #6BC3CE; box-shadow:4px 4px 4px  
4px #6BC3CE }
```

# Background

The CSS property to change the background color of an element to Hex 6BC3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC3CE }
```

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

```
.background{ background-color:#6BC3CE }
```

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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