

Converting Colors

Hex(6BCADB)

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

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Color

Hex(6BCADB)

Conversions

Conversions Part 1

Format	Color
Hex	6BCADB
RGB	107, 202, 219
RGB Percent	42%, 79%, 86%
CMY	0.5804, 0.2078, 0.1412
CMYK	0.51, 0.08, 0.00, 0.14
HSL	189°, 61%, 64%
HSV	189°, 51%, 86%
XYZ	39.9701, 50.4813, 74.6551
YIQ	175.5330, -62.0770, -14.8530

Conversions

Conversions Part 2

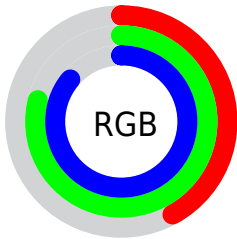
Format	Color
RYB	107, 158, 219
Decimal	7064283
CIELab	76.36, -23.52, -17.11
CIElCh	76, 29.084, 216.037
Yxy	50.4813, 0.2421, 0.3058
Android (android.graphics.Color)	4285254363 (0xFF6BCADB)
YUV	175.5330, 21.4292, -60.1034
Hunter-Lab	71.0502, -23.9206, -12.5630

Details

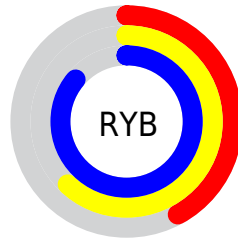
The Hex color **6BCADB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB7C6B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FFFF**, and **2B94A4** is the 20% darker color. If you saturate the color by 10%, you get **55C7DB**, and if you desaturate by 10%, it is **81CDDB**.

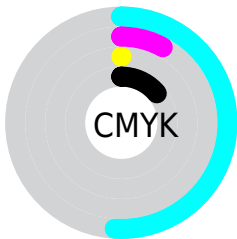
Distribution



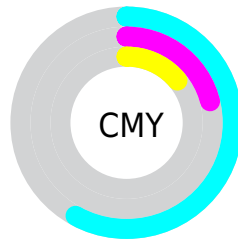
- Red (42%)
- Green (79%)
- Blue (86%)



- Red (42%)
- Yellow (62%)
- Blue (86%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 6BCADB

 6BCADB

FFFFFF

 4DAEBF

 A5FFFF

 2B94A4

 C3FFFF

 007A8A

 E0FFFF

 006170

FEFFFF

 004958

 003240

 001E2A

 000116

 000000

6BCADB

6BCADB

55C7DB

81CDDDB

3FC3DB

97D1DB

29C0DB

ADD4DB

13BDDB

C3D7DB

00BADB

D9DBDB

EEDEDB

FFE1DB

FFE5DB

FFE8DB

Harmonies

Analogous

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



74CBC1



6BCADB



7EC5ED

Triad

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



6BCADB



E3ACD3



CABC87

Complementary

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



6BCADB



DB7C6B

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.



E2B38C



6BCADB



F2A9B8

Square

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



6BCADB



C7B4E8



F1AC9E



ADC490

Rectangle

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



6BCADB



95C0F1



F1AC9E



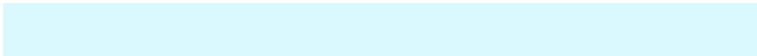
D3B987

Sweetspot

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



6BCADB



D9F9FF



6BDB7C



697C80



000000



808080

Same Dimension

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



6BCADB



63E7FF



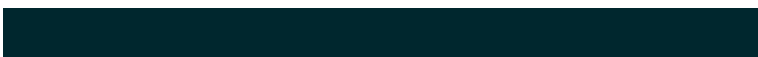
6B92DB



636C6E



0093AD



00272E

Inverse Universe

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



DB6BCA



FF63E7



DBB46B



6E636C



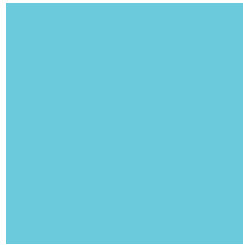
AD0093



2E0027

Previews

White Background



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

Color Contrast Check

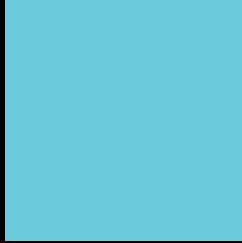
Large Text (above 18pt) WCAG AA × Fail

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 6BCADB 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 6BCADB Background



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

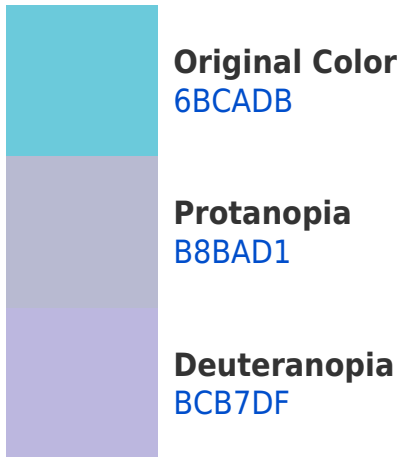


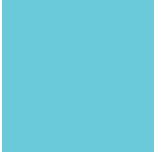
This preview shows how white text looks on a background with the Hex color 6BCADB.

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](#).

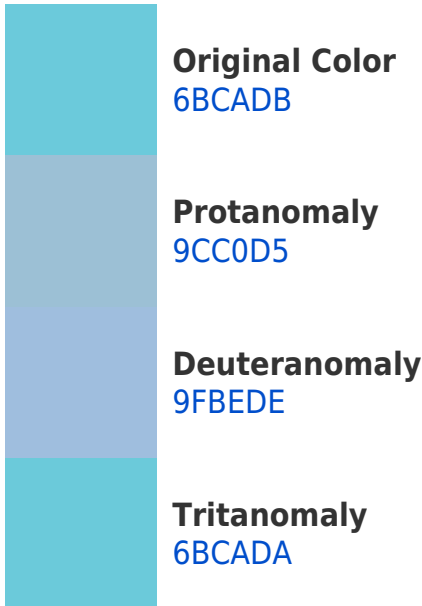
Dichromacy



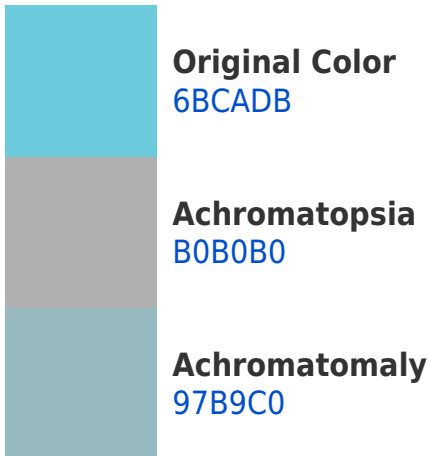


Tritanopia
6BCADA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6BCADB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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