

Converting Colors

Hex(6BCDCB)

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

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Color

Hex(6BCDCB)

Conversions

Conversions Part 1

Format	Color
Hex	6BCDCB
RGB	107, 205, 203
RGB Percent	42%, 80%, 80%
CMY	0.5804, 0.1961, 0.2039
CMYK	0.48, 0.00, 0.01, 0.20
HSL	179°, 49%, 61%
HSV	179°, 48%, 80%
XYZ	38.6742, 51.1002, 64.3249
YIQ	175.4700, -57.7660, -21.3980

Conversions

Conversions Part 2

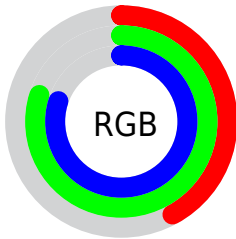
Format	Color
RYB	107, 157, 205
Decimal	7065035
CIELab	76.74, -29.23, -7.92
CIELCh	77, 30.286, 195.162
Yxy	51.1002, 0.2510, 0.3316
Android (android.graphics.Color)	4285255115 (0xFF6BCDCB)
YUV	175.4700, 13.5723, -60.0482
Hunter-Lab	71.4844, -28.5264, -3.3127

Details

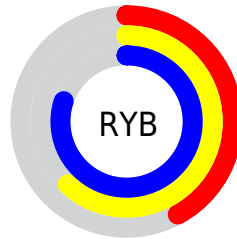
The Hex color **6BCDCB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD6B6D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FFFF**, and **2D9695** is the 20% darker color. If you saturate the color by 10%, you get **56CDCB**, and if you desaturate by 10%, it is **7FCDCB**.

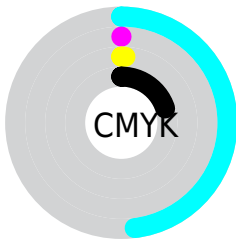
Distribution



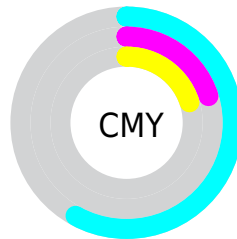
- Red (42%)
- Green (80%)
- Blue (80%)



- Red (42%)
- Yellow (62%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

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

 6BCDCB

 6BCDCB

FFFFFF

 4EB1B0

 A5FFFF

 2D9695

 C2FFFF

 007C7B

 DFFFFF

 006362

FDFFFF

 004B4B

 003334

 00201F

 000006

 000000

 6BCDCB

 6BCDCB

 56CDCB

 7FCDCB

 42CDCA

 94CDCC

 2DCDCA

 A9CDCC

 19CDC9

 BDCDCD

 04CDC9

 D2CDCD

 00CDC9

 E6CDCE

 FBCDCE

 FFCDCE

 FFCDCF

Harmonies

Analogous

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



83CCA4



6BCDCB



6ACAE4

Triad

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



6BCDCB



D3B1E5



DEB788

Complementary

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



6BCDCB



CD6B6D

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.



F0AE97



6BCDCB



ECAACC

Square

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



6BCDCB



AEBBF3



F6A9B0



C3C087

Rectangle

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



6BCDCB



7BC7EF



F6A9B0



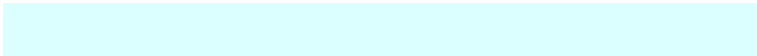
E5B48B

Sweetspot

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



6BCDCB



DBFFFE



6ECD6B



6A807F



000000



808080

Same Dimension

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



6BCDCB



6EFFFC



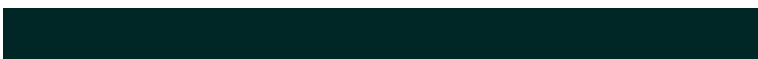
6B9FCD



5C6666



00A6A2



002625

Inverse Universe

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



CD6B6D



FF6E71



CD996B



665C5C



A60003



260001

Previews

White Background



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

Color Contrast Check

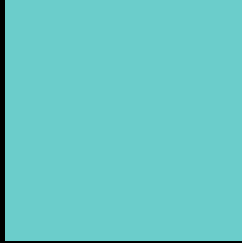
Large Text (above 18pt) WCAG AA × Fail

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 6BCDCB 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 6BCDCB Background



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



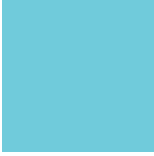
This preview shows how white text looks on a background with the Hex color 6BCDCB.

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
70CBDB

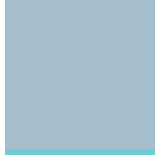
Trichromacy



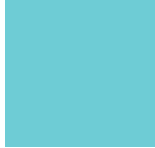
Original Color
6BCDCB



Protanomaly
A0C2C4



Deuteranomaly
A5BFCE

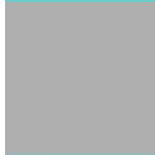


Tritanomaly
6ECCD5

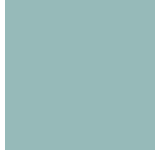
Monochromacy



Original Color
6BCDCB



Achromatopsia
AFAFAF



Achromatomaly
96BAB9

CSS Examples

Text

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

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

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 #6BCDCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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