

Converting Colors

Hex(6BDCC0)

Have a look what the booklet for
Hex(6BDCC0) contains.

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Color

Hex(6BDCC0)

Conversions

Conversions Part 1

Format	Color
Hex	6BDCC0
RGB	107, 220, 192
RGB Percent	42%, 86%, 75%
CMY	0.5804, 0.1373, 0.2471
CMYK	0.51, 0.00, 0.13, 0.14
HSL	165°, 62%, 64%
HSV	165°, 51%, 86%
XYZ	41.1710, 58.1180, 58.9171
YIQ	183.0210, -58.3600, -32.6640

Conversions

Conversions Part 2

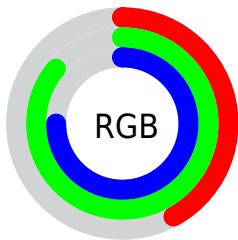
Format	Color
RYB	107, 171, 220
Decimal	7068864
CIELab	80.80, -38.94, 3.93
CIELCh	81, 39.142, 174.241
Yxy	58.1180, 0.2602, 0.3674
Android (android.graphics.Color)	4285258944 (0xFF6BDCC0)
YUV	183.0210, 4.4266, -66.6704
Hunter-Lab	76.2351, -37.0120, 7.5433

Details

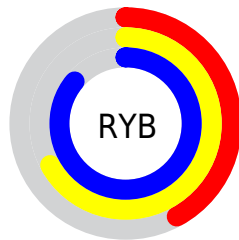
The Hex color **6BDCC0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC6B87**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A5FFF8**, and **2BA48B** is the 20% darker color. If you saturate the color by 10%, you get **55DCBB**, and if you desaturate by 10%, it is **81DCC5**.

Distribution



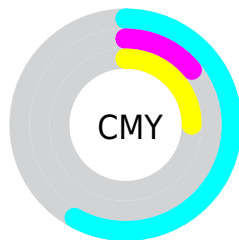
- Red (42%)
- Green (86%)
- Blue (75%)



- Red (42%)
- Yellow (67%)
- Blue (86%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (58%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BDCC0 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 6BDCC0 by changing the saturation by 10% instead.

 6BDCC0

 6BDCC0

FFFFFF

 4DC0A5

 A5FFF8

 2BA48B

 C3FFFF

 008A71

 E0FFFF

 007059

FEFFFF

 005641

 003E2B

 002917

 000600

 000000

 6BDCC0

 6BDCC0

 55DCBB

 81DCC5

 3FDCB5

 97DCCB

 29DCB0

 ADDCD0

 13DCAA

 C3DCD6

 00DCA5

 D9DCDB

 EFDCE1

 FFDCE6

 FFDCEC

 FFDCF1

Harmonies

Analogous

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



98D89D



6BDCC0



45DCE5

Triad

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



6BDCC0



C3C2FF



FFB78F

Complementary

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



6BDCC0



DC6B87

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.



FFAEAC



6BDCC0



F0B5F4

Square

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



6BDCC0



8ACEFF



FFADD1



E8C480

Rectangle

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



6BDCC0



47D9FA



FFADD1



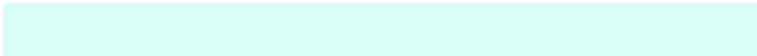
FFB497

Sweetspot

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



6BDCC0



D9FFF6



87DC6B



69807A



000000



808080

Same Dimension

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



6BDCC0



61FFD8



6BC0DC



636E6B



00AD82



002E23

Inverse Universe

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



DC6B87



FF6188



DC876B



6E6365



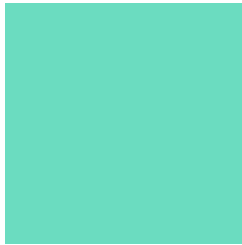
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 6BDCC0 looks on a white background.

Color Contrast Check

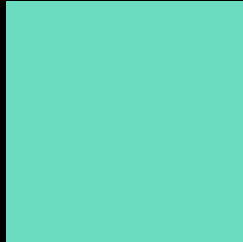
Large Text (above 18pt) WCAG AA × Fail

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 6BDCC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

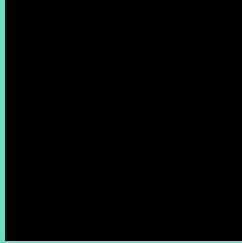
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

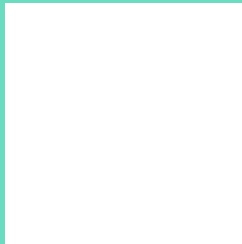
Any Text WCAG AAA ✓ Pass

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

Hex 6BDCC0 Background



This preview shows how black text looks on a background with the Hex color 6BDCC0.



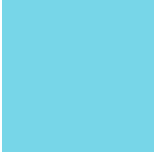
This preview shows how white text looks on a background with the Hex color 6BDCC0.

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
77D6E8

Trichromacy



Original Color
6BDCC0



Protanomaly
ABCFB8



Deuteranomaly
B2CBC4

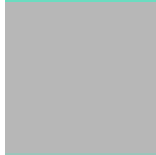


Tritanomaly
73D8D9

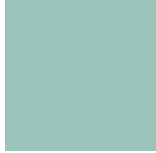
Monochromacy



Original Color
6BDCC0



Achromatopsia
B7B7B7



Achromatomaly
9BC4BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BDCC0 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 #6BDCC0 looks like.

```
.text, #text, p{  
    color:#6BDCC0  
}
```

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 #6BDCC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BDCC0  
}
```

Border

The CSS property to change the border of an element to Hex 6BDCC0 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  
#6BDCC0 }
```

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

```
.border{ border-color:#6BDCC0 }
```

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

Here you see how a box with a 4 pixel #6BDCC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDCC0; -webkit-box-shadow:4px 4px  
4px 4px #6BDCC0; box-shadow:4px 4px 4px  
4px #6BDCC0 }
```

Background

The CSS property to change the background color of an element to Hex 6BDCC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BDCC0 }
```

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

```
.background{ background-color:#6BDCC0 }
```

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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