

Converting Colors

Hex(6BDDCC)

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

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Color

Hex(6BDDCC)

Conversions

Conversions Part 1

Format	Color
Hex	6BDDCC
RGB	107, 221, 204
RGB Percent	42%, 87%, 80%
CMY	0.5804, 0.1333, 0.2000
CMYK	0.52, 0.00, 0.08, 0.13
HSL	171°, 63%, 64%
HSV	171°, 52%, 87%
XYZ	42.8189, 59.1983, 66.2964
YIQ	184.9760, -62.4870, -29.4550

Conversions

Conversions Part 2

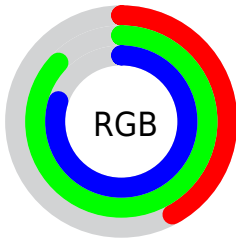
Format	Color
RYB	107, 169, 221
Decimal	7069132
CIELab	81.40, -36.53, -1.58
CIELCh	81, 36.567, 182.480
Yxy	59.1983, 0.2544, 0.3517
Android (android.graphics.Color)	4285259212 (0xFF6BDDCC)
YUV	184.9760, 9.3788, -68.3850
Hunter-Lab	76.9405, -35.3069, 2.7706

Details

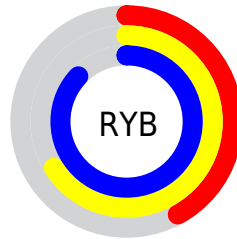
The Hex color **6BDDCC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD6B7C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A6FFFF**, and **29A596** is the 20% darker color. If you saturate the color by 10%, you get **55DDC9**, and if you desaturate by 10%, it is **81DDCF**.

Distribution



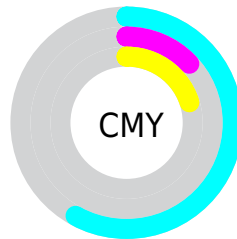
- Red (42%)
- Green (87%)
- Blue (80%)



- Red (42%)
- Yellow (66%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 6BDDCC

 6BDDCC

FFFFFF

 4CC1B1

 A6FFFF

 29A596

 C3FFFF

 008B7C

 E1FFFF

 007163

 00584B

 003F35

 002920

 000A09

 000000

 6BDDCC

 6BDDCC

 55DDC9

 81DDCF

 3FDDC5

 97DDD3

 29DDC2

 ADDDD6

 13DDBF

 C3DDD9

 00DDBC

 DADDDC

 F0DDE0

 FFDDE3

 FFDDE6

 FFDDEA

Harmonies

Analogous

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



92DAAA



6BDDCC



56DCEE

Triad

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



6BDDCC



D3C0FF



FCBD8E

Complementary

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



6BDDCC



DD6B7C

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.



FFB4A7



6BDDCC



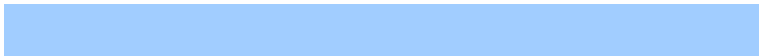
F8B5EA

Square

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



6BDDCC



A1CFFF



FFB0C9



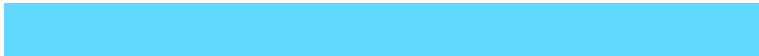
DFC986

Rectangle

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



6BDDCC



61D9FF



FFB0C9



FFBA95

Sweetspot

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



6BDDCC



D9FFF9



7CDD6B



69807C



000000



808080

Same Dimension

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



6BDDCC



61FFE7



6BB5DD



636E6C



00AD94



002E27

Inverse Universe

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



DD6B7C



FF6178



DD936B



6E6364



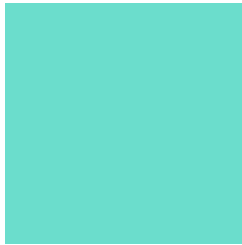
AD001A



2E0007

Previews

White Background



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

Color Contrast Check

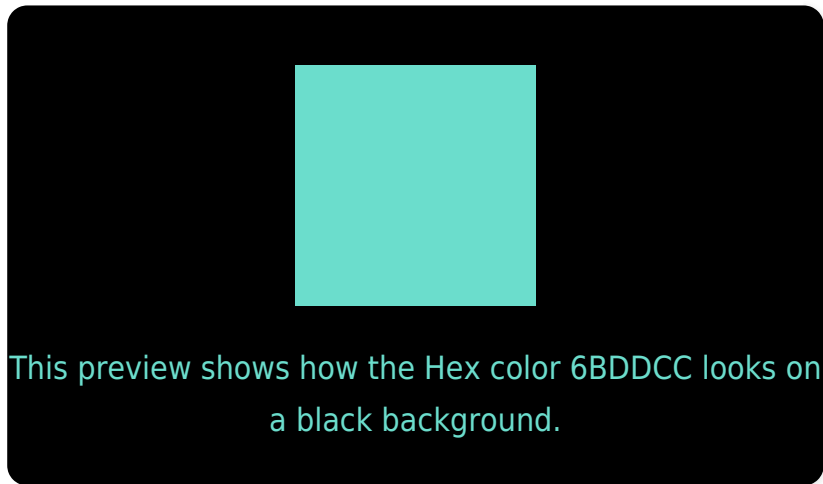
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

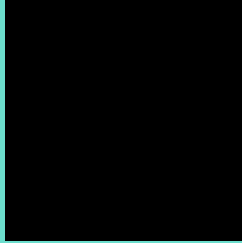
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

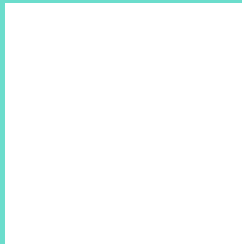
Any Text WCAG AAA ✓ Pass

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

Hex 6BDDCC Background



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

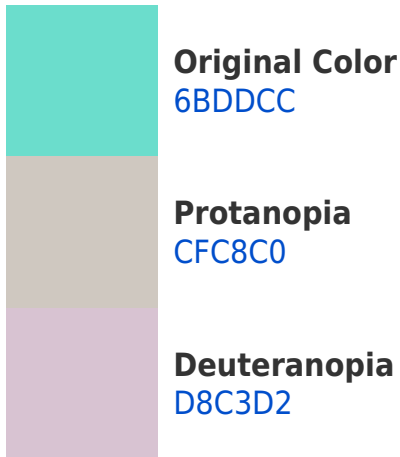


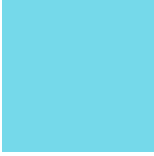
This preview shows how white text looks on a background with the Hex color 6BDDCC.

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](#).

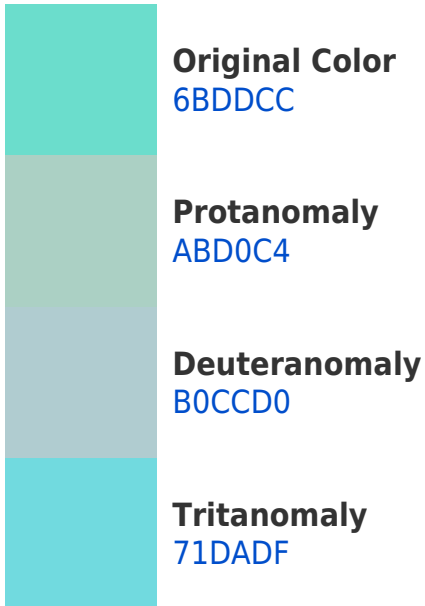
Dichromacy



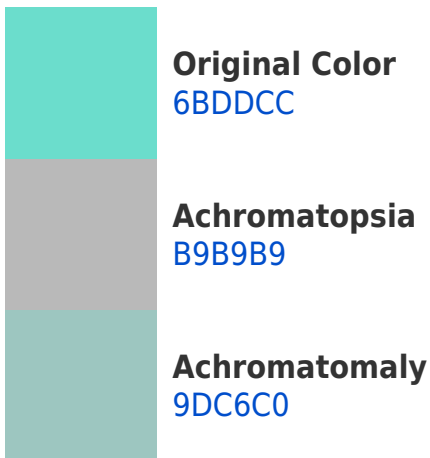


Tritanopia
75D9EA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6BDDCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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