

Converting Colors

Hex(6BDFCC)

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

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Color

Hex(6BDFCC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BDFCC |
| RGB | 107, 223, 204 |
| RGB Percent | 42%, 87%, 80% |
| CMY | 0.5804, 0.1255, 0.2000 |
| CMYK | 0.52, 0.00, 0.09, 0.13 |
| HSL | 170°, 64%, 65% |
| HSV | 170°, 52%, 87% |
| XYZ | 43.3502, 60.2608, 66.4734 |
| YIQ | 186.1500, -63.0370, -30.5010 |

Conversions

Conversions Part 2

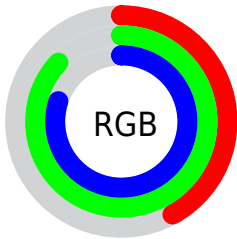
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 107, 170, 223 |
| Decimal | 7069644 |
| CIELab | 81.98, -37.45, -0.73 |
| CIELCh | 82, 37.458, 181.124 |
| Yxy | 60.2608, 0.2549, 0.3543 |
| Android (android.graphics.Color) | 4285259724 (0xFF6BDFCC) |
| YUV | 186.1500, 8.8001, -69.4145 |
| Hunter-Lab | 77.6278, -36.1679, 3.5689 |

Details

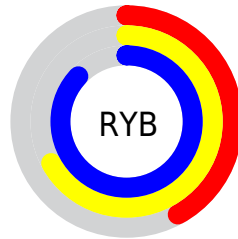
The Hex color **6BDFCC** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DF6B7E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFFF**, and **29A796** is the 20% darker color. If you saturate the color by 10%, you get **55DFC8**, and if you desaturate by 10%, it is **81DFD0**.

Distribution



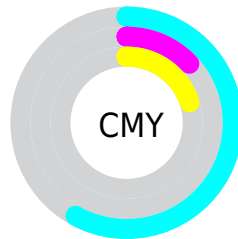
- Red (42%)
- Green (87%)
- Blue (80%)



- Red (42%)
- Yellow (67%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



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

Brightness & Saturation Gradients

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

 6BDFCC

 6BDFCC

FFFFFF

 4CC3B1

 A6FFFF

 29A796

 C4FFFF

 008C7C

 E1FFFF

 007263

 00594B

 004135

 002A20

 000E09

 000000

 6BDFCC

 6BDFCC

 55DFC8

 81DFD0

 3EDFC5

 98DFD3

 28DFC1

 AEDFD7

 12DFBD

 C4DFDB

 00DFBA

 DBDFDE

 F1DFE2

 FFDFE6

 FFDFE9

 FFDFED

Harmonies

Analogous

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



94DCA9



6BDFCC



52DEEF

Triad

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



6BDFCC



D2C2FF



FFBE8F

Complementary

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



6BDFCC



DF6B7E

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.



FFB4A9



6BDFCC



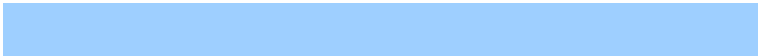
FAB7EE

Square

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



6BDFCC



9ECFFF



FFB1CC



E3CA85

Rectangle

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



6BDFCC



5DDBFF



FFB1CC



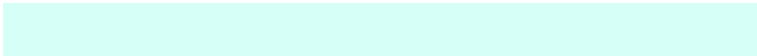
FFBA97

Sweetspot

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



6BDFCC



D6FFF8



7EDF6B



67807C



000000



808080

Same Dimension

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



6BDFCC



61FFE5



6BB8DF



65706E



00B093



003029

Inverse Universe

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



DF6B7E



FF617B



DF926B



706567



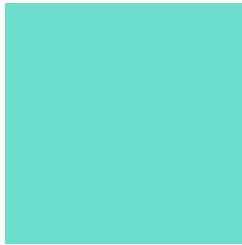
B0001D



300008

Previews

White Background



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

Color Contrast Check

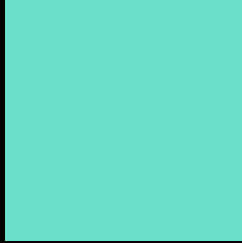
Large Text (above 18pt) WCAG AA × Fail

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 6BDFCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

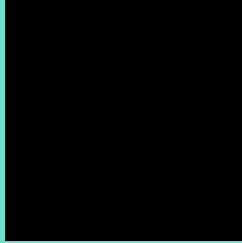
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

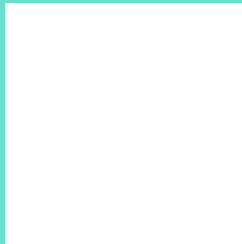
Any Text WCAG AAA ✓ Pass

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

Hex 6BDFCC Background



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

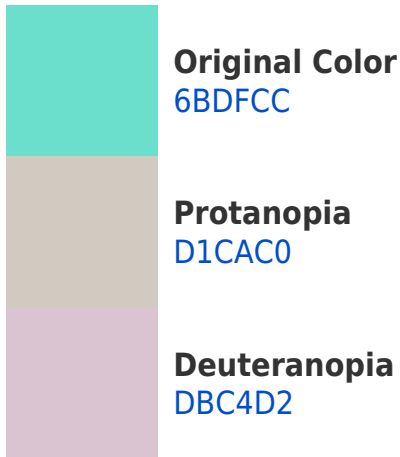


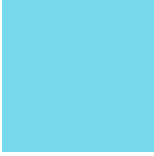
This preview shows how white text looks on a background with the Hex color 6BDFCC.

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
76DAEC

Trichromacy



Original Color
6BDFCC



Protanomaly
ACD2C4



Deuteranomaly
B2CED0

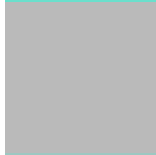


Tritanomaly
72DCE0

Monochromacy



Original Color
6BDFCC



Achromatopsia
BABABA



Achromatomaly
9DC7C1

CSS Examples

Text

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

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

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 #6BDFCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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