

Converting Colors

Hex(6BDFCB)

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

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Color

Hex(6BDFCB)

Conversions

Conversions Part 1

Format	Color
Hex	6BDFCB
RGB	107, 223, 203
RGB Percent	42%, 87%, 80%
CMY	0.5804, 0.1255, 0.2039
CMYK	0.52, 0.00, 0.09, 0.13
HSL	170°, 64%, 65%
HSV	170°, 52%, 87%
XYZ	43.2306, 60.2129, 65.8437
YIQ	186.0360, -62.7160, -30.8120

Conversions

Conversions Part 2

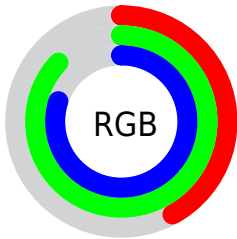
Format	Color
RYB	107, 170, 223
Decimal	7069643
CIELab	81.95, -37.69, -0.24
CIELCh	82, 37.694, 180.368
Yxy	60.2129, 0.2554, 0.3557
Android (android.graphics.Color)	4285259723 (0xFF6BDFCB)
YUV	186.0360, 8.3633, -69.3146
Hunter-Lab	77.5970, -36.3495, 4.0083

Details

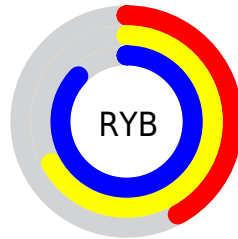
The Hex color **6BDFCB** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DF6B7F**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFFF**, and **29A795** is the 20% darker color. If you saturate the color by 10%, you get **55DFC7**, and if you desaturate by 10%, it is **81DFCF**.

Distribution



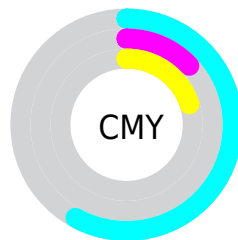
- Red (42%)
- Green (87%)
- Blue (80%)



- 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 6BDFCB 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 6BDFCB by changing the saturation by 10% instead.

 6BDFCB

 6BDFCB

FFFFFF

 4CC3B0

 A6FFFF

 29A795

 C3FFFF

 008C7B

 E1FFFF

 007262

 00594B

 004134

 002A1F

 000D07

 000000

 6BDFCB

 6BDFCB

 55DFC7

 81DFCF

 3EDFC3

 98DFD3

 28DFBF

 AEDFD7

 12DFBC

 C4DFDA

 00DFB9

 DBDFDE

 F1DFE2

 FFDFE6

 FFDFEA

 FFDFEE

Harmonies

Analogous

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



95DCA8



6BDFCB



51DEEE

Triad

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



6BDFCB



D1C2FF



FFBE8F

Complementary

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



6BDFCB



DF6B7F

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.



FFB4AA



6BDFCB



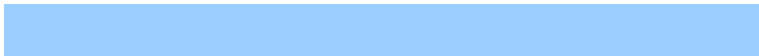
F9B7EF

Square

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



6BDFCB



9CCFFF



FFB1CD



E4CA85

Rectangle

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



6BDFCB



5BDBFF



FFB1CD



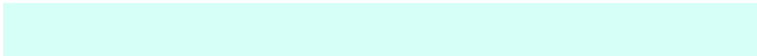
FFBA97

Sweetspot

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



6BDFCB



D6FFF8



80DF6B



67807B



000000



808080

Same Dimension

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



6BDFCB



61FFE4



6BBADF



65706E



00B092



003028

Inverse Universe

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



DF6B7F



FF617C



DF906B



706567



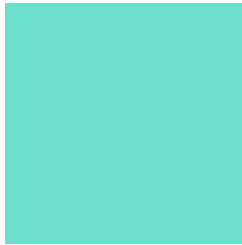
B0001E



300008

Previews

White Background



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

Color Contrast Check

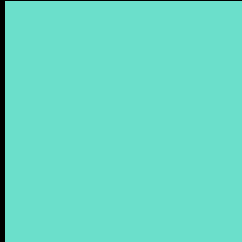
Large Text (above 18pt) WCAG AA × Fail

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 6BDFCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

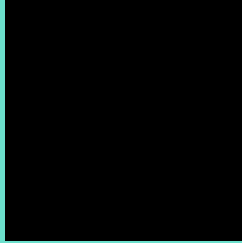
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

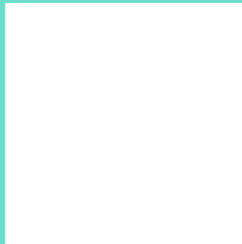
Any Text WCAG AAA ✓ Pass

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

Hex 6BDFCB Background



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

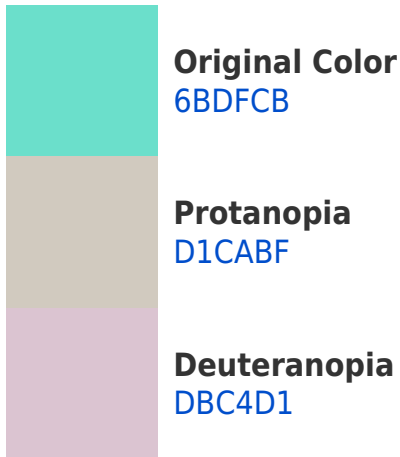


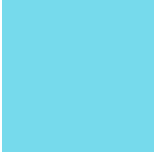
This preview shows how white text looks on a background with the Hex color 6BDFCB.

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
6BDFCB



Protanomaly
ACD2C3



Deuteranomaly
B2CECF

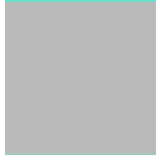


Tritanomaly
72DCE0

Monochromacy



Original Color
6BDFCB



Achromatopsia
BABABA



Achromatomaly
9DC7C0

CSS Examples

Text

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

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

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 #6BDFCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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