

Converting Colors

Hex(6BD2BD)

Have a look what the booklet for
Hex(6BD2BD) contains.

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Color

Hex(6BD2BD)

Conversions

Conversions Part 1

Format	Color
Hex	6BD2BD
RGB	107, 210, 189
RGB Percent	42%, 82%, 74%
CMY	0.5804, 0.1765, 0.2588
CMYK	0.49, 0.00, 0.10, 0.18
HSL	168°, 53%, 62%
HSV	168°, 49%, 82%
XYZ	38.2953, 52.8931, 56.3351
YIQ	176.8090, -54.6470, -28.3670

Conversions

Conversions Part 2

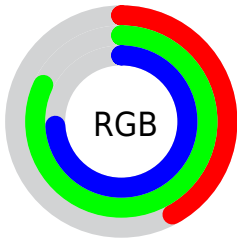
Format	Color
RYB	107, 164, 210
Decimal	7066301
CIELab	77.81, -35.07, 1.18
CIELCh	78, 35.087, 178.065
Yxy	52.8931, 0.2596, 0.3585
Android (android.graphics.Color)	4285256381 (0xFF6BD2BD)
YUV	176.8090, 6.0102, -61.2225
Hunter-Lab	72.7276, -33.2828, 4.9831

Details

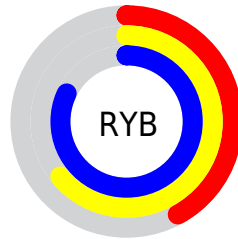
The Hex color **6BD2BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D26B80**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A4FFF5**, and **2E9B88** is the 20% darker color. If you saturate the color by 10%, you get **56D2B9**, and if you desaturate by 10%, it is **80D2C1**.

Distribution



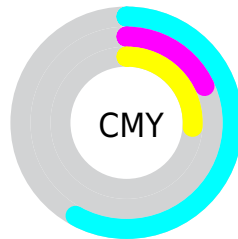
- Red (42%)
- Green (82%)
- Blue (74%)



- Red (42%)
- Yellow (64%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD2BD 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 6BD2BD by changing the saturation by 10% instead.

 6BD2BD

 6BD2BD

FFFFFF

 4EB6A2

 A4FFF5

 2E9B88

 C1FFFF

 00816E

 DFFFFF

 006756

FDFFFF

 004E3F

 003629

 002315

 000000

 6BD2BD

 6BD2BD

 56D2B9

 80D2C1

 41D2B4

 95D2C6

 2CD2B0

 AAD2CA

 17D2AC

 BFD2CE

 02D2A8

 D4D2D2

 00D2A7

 E9D2D7

 FED2DB

 FFD2DF

 FFD2E4

Harmonies

Analogous

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



91CF9D



6BD2BD



52D1DE

Triad

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



6BD2BD



C2B9FA



F3B28A

Complementary

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



6BD2BD



D26B80

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.



FFAAA3



6BD2BD



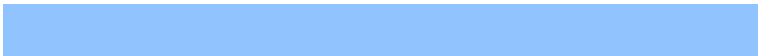
E8AEE3

Square

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



6BD2BD



91C4FF



FDA8C4



D9BE7F

Rectangle

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



6BD2BD



59CFF0



FDA8C4



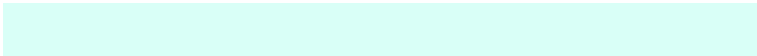
F9AF91

Sweetspot

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



6BD2BD



D9FFF7



81D26B



69807B



000000



808080

Same Dimension

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



6BD2BD



69FFE0



6BB5D2



5E6966



00A886



002920

Inverse Universe

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



D26B80



FF6987



D2886B



695E60



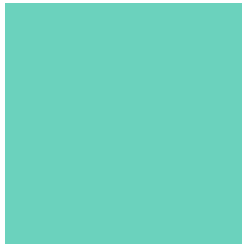
A80022



290008

Previews

White Background



This preview shows how the Hex color 6BD2BD looks on a white background.

Color Contrast Check

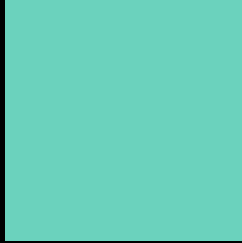
Large Text (above 18pt) WCAG AA × Fail

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 6BD2BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

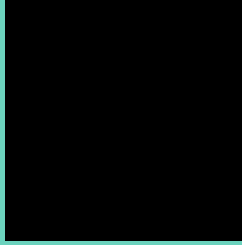
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

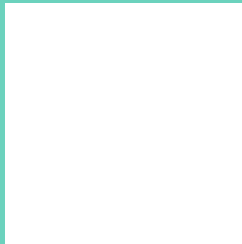
Any Text WCAG AAA ✓ Pass

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

Hex 6BD2BD Background



This preview shows how black text looks on a background with the Hex color 6BD2BD.



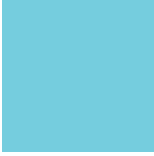
This preview shows how white text looks on a background with the Hex color 6BD2BD.

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
75CDDE

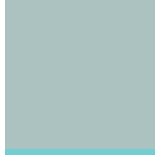
Trichromacy



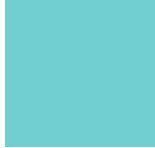
Original Color
6BD2BD



Protanomaly
A5C5B6



Deuteranomaly
ABC2C0

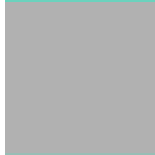


Tritanomaly
71CFD2

Monochromacy



Original Color
6BD2BD



Achromatopsia
B1B1B1



Achromatomaly
98BDB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD2BD 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 #6BD2BD looks like.

```
.text, #text, p{  
    color:#6BD2BD  
}
```

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 #6BD2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD2BD  
}
```

Border

The CSS property to change the border of an element to Hex 6BD2BD 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  
#6BD2BD }
```

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

```
.border{ border-color:#6BD2BD }
```

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

Here you see how a box with a 4 pixel #6BD2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD2BD; -webkit-box-shadow:4px 4px  
4px 4px #6BD2BD; box-shadow:4px 4px 4px  
4px #6BD2BD }
```

Background

The CSS property to change the background color of an element to Hex 6BD2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD2BD }
```

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

```
.background{ background-color:#6BD2BD }
```

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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