

# Converting Colors

Hex(6BD4BC)

Have a look what the booklet for  
Hex(6BD4BC) contains.

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# Color

**Hex(6BD4BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD4BC
RGB	107, 212, 188
RGB Percent	42%, 83%, 74%
CMY	0.5804, 0.1686, 0.2627
CMYK	0.50, 0.00, 0.11, 0.17
HSL	166°, 55%, 63%
HSV	166°, 50%, 83%
XYZ	38.6840, 53.8436, 55.9309
YIQ	177.8690, -54.8760, -29.7240

# Conversions

## Conversions Part 2

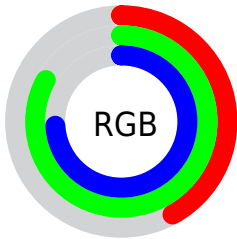
Format	Color
<b>RYB</b>	107, 166, 212
Decimal	7066812
CIELab	78.37, -36.23, 2.53
CIElCh	78, 36.318, 176.001
Yxy	53.8436, 0.2606, 0.3627
Android (android.graphics.Color)	4285256892 (0xFF6BD4BC)
YUV	177.8690, 4.9946, -62.1521
Hunter-Lab	73.3782, -34.3091, 6.1722

# Details

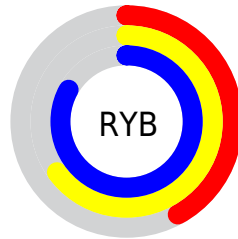
The Hex color **6BD4BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D46B83**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A5FFF4**, and **2D9D87** is the 20% darker color. If you saturate the color by 10%, you get **56D4B7**, and if you desaturate by 10%, it is **80D4C1**.

# Distribution



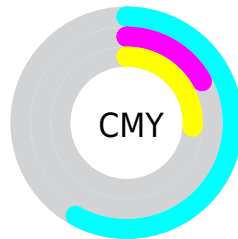
- Red (42%)
- Green (83%)
- Blue (74%)



- Red (42%)
- Yellow (65%)
- Blue (83%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (58%)
- Magenta (17%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BD4BC 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 6BD4BC by changing the saturation by 10% instead.



 6BD4BC

 6BD4BC

FFFFFF

 4EB8A1

 A5FFF4

 2D9D87

 C2FFFF

 00826E

 DFFFFF

 006955

FDFFFF

 00503E

 003828

 002414

 000000

 6BD4BC

 6BD4BC

 56D4B7

 80D4C1

 41D4B2

 95D4C6

 2BD4AD

 ABD4CB

 16D4A9

 C0D4CF

 01D4A4

 D5D4D4

 00D4A4

 EAD4D9

 FFD4DE

 FFD4E3

 FFD4E8

# Harmonies

## Analogous

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



93D09B



6BD4BC



4ED4DE

# Triad

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



6BD4BC



C0BBFE



F7B38B

# Complementary

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



6BD4BC



D46B83

# 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.



FFAAA6



6BD4BC



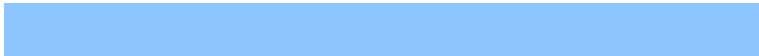
E9AFE8

# Square

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



6BD4BC



8DC6FF



FFA9C8



DDBE7E

# Rectangle

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



6BD4BC



52D1F1



FFA9C8



FDAF93

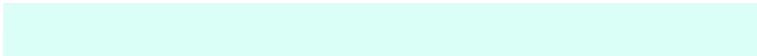


# Sweetspot

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



6BD4BC



D9FFF6



84D46B



69807A



000000



808080



# Same Dimension

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



6BD4BC



69FFDD



6BB8D4



606B69



00AB84



002B21



# Inverse Universe

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



D46B83



FF698B



D4876B



6B6063



AB0027

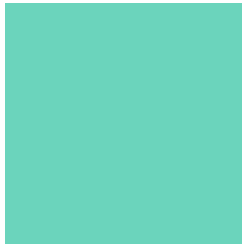


2B000A



# Previews

## White Background



This preview shows how the Hex color 6BD4BC looks on a white background.

## Color Contrast Check

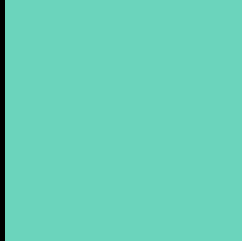
Large Text (above 18pt) WCAG AA × Fail

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 6BD4BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

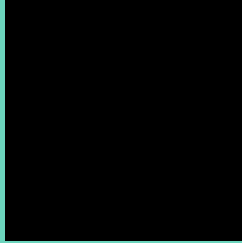
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

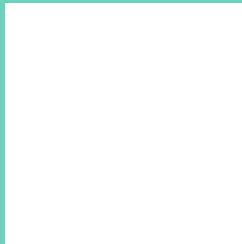
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BD4BC Background



This preview shows how black text looks on a background with the Hex color 6BD4BC.



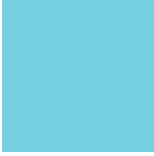
This preview shows how white text looks on a background with the Hex color 6BD4BC.

# 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**  
76CFE0

# Trichromacy



**Original Color**  
6BD4BC



**Protanomaly**  
A6C7B5



**Deuteranomaly**  
ADC4BF

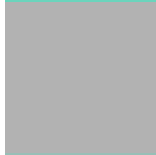


**Tritanomaly**  
72D1D3

# Monochromacy



**Original Color**  
6BD4BC



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
98BEB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BD4BC 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 #6BD4BC looks like.

```
.text, #text, p{  
    color:#6BD4BC  
}
```

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 #6BD4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD4BC
}
```

## Border

The CSS property to change the border of an element to Hex 6BD4BC 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
#6BD4BC }
```

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

```
.border{ border-color:#6BD4BC }
```

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

Here you see how a box with a 4 pixel #6BD4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD4BC; -webkit-box-shadow:4px 4px  
4px 4px #6BD4BC; box-shadow:4px 4px 4px  
4px #6BD4BC }
```

# Background

The CSS property to change the background color of an element to Hex 6BD4BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD4BC }
```

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

```
.background{ background-color:#6BD4BC }
```

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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