

Converting Colors

Hex(6DD3BC)

Have a look what the booklet for
Hex(6DD3BC) contains.

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Color

Hex(6DD3BC)

Conversions

Conversions Part 1

Format	Color
Hex	6DD3BC
RGB	109, 211, 188
RGB Percent	43%, 83%, 74%
CMY	0.5725, 0.1725, 0.2627
CMYK	0.48, 0.00, 0.11, 0.17
HSL	166°, 54%, 63%
HSV	166°, 48%, 83%
XYZ	38.6780, 53.4706, 55.8593
YIQ	177.8800, -53.4090, -28.7770

Conversions

Conversions Part 2

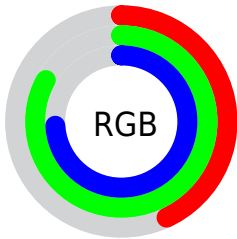
Format	Color
RYB	109, 166, 211
Decimal	7197628
CIELab	78.15, -35.31, 2.22
CIELCh	78, 35.377, 176.394
Yxy	53.4706, 0.2613, 0.3613
Android (android.graphics.Color)	4285387708 (0xFF6DD3BC)
YUV	177.8800, 4.9892, -60.4078
Hunter-Lab	73.1236, -33.5503, 5.8947

Details

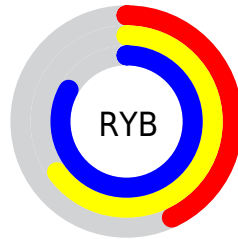
The Hex color **6DD3BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D36D84**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A6FFF4**, and **319C87** is the 20% darker color. If you saturate the color by 10%, you get **58D3B7**, and if you desaturate by 10%, it is **82D3C1**.

Distribution



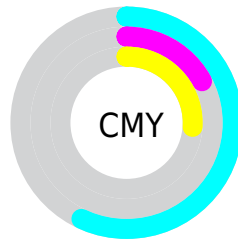
- Red (43%)
- Green (83%)
- Blue (74%)



- Red (43%)
- Yellow (65%)
- Blue (83%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (57%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD3BC 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 6DD3BC by changing the saturation by 10% instead.


 6DD3BC

 6DD3BC

FFFFFF

 50B7A1

 A6FFF4

 319C87

 C3FFFF

 00816E

 E1FFFF

 006855

FEFFFF

 004F3E

 003728

 002414

 000000

 6DD3BC

 6DD3BC

■ 58D3B7

■ 82D3C1

■ 43D3B2

■ 97D3C6

■ 2ED3AE

■ ACD3CA

■ 19D3A9

■ C1D3CF

■ 04D3A4

■ D7D3D4

■ 00D3A3

■ ECD3D9

■ FFD3DD

■ FFD3E2

■ FFD3E7

Harmonies

Analogous

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



94CF9C



6DD3BC



52D3DD

Triad

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



6DD3BC



C0BAFC



F5B38C

Complementary

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



6DD3BC



D36D84

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



6DD3BC



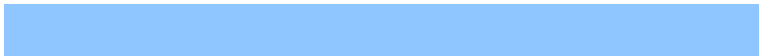
E7AFE6

Square

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



6DD3BC



8FC6FF



FEA9C7



DCBE80

Rectangle

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



6DD3BC



57D0F0



FEA9C7



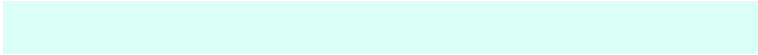
FBAF93

Sweetspot

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



6DD3BC



D9FFF6



85D36D



69807A



000000



808080

Same Dimension

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



6DD3BC



6BFFDE



6DB8D3



5E6966



00A882



002920

Inverse Universe

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



D36D84



FF6B8C



D3886D



695E60



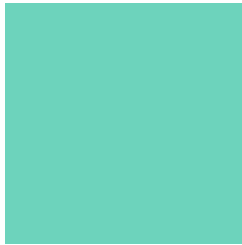
A80026



290009

Previews

White Background



This preview shows how the Hex color 6DD3BC looks on a white background.

Color Contrast Check

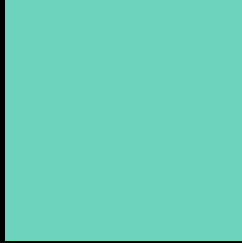
Large Text (above 18pt) WCAG AA × Fail

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 6DD3BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

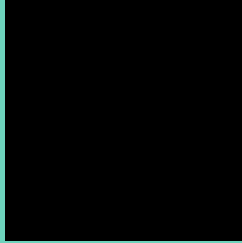
Any Text WCAG AA ✓ Pass

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 6DD3BC Background



This preview shows how black text looks on a background with the Hex color 6DD3BC.

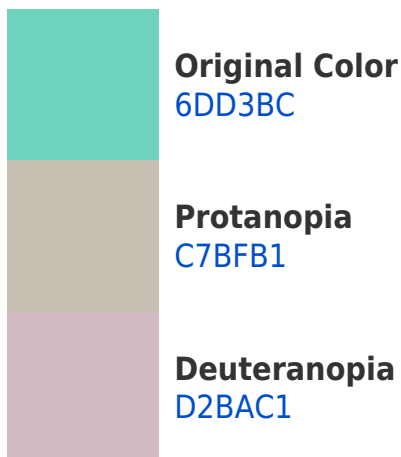


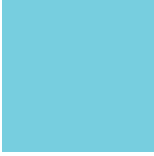
This preview shows how white text looks on a background with the Hex color 6DD3BC.

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
77CEDF

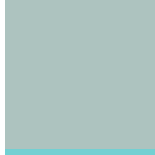
Trichromacy



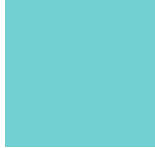
Original Color
6DD3BC



Protanomaly
A6C6B5



Deuteranomaly
ADC3BF

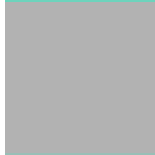


Tritanomaly
73D0D2

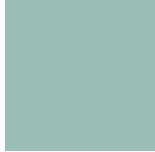
Monochromacy



Original Color
6DD3BC



Achromatopsia
B2B2B2



Achromatomaly
99BEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD3BC 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 #6DD3BC looks like.

```
.text, #text, p{  
    color:#6DD3BC  
}
```

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 #6DD3BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD3BC  
}
```

Border

The CSS property to change the border of an element to Hex 6DD3BC 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  
#6DD3BC }
```

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

```
.border{ border-color:#6DD3BC }
```

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

Here you see how a box with a 4 pixel #6DD3BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD3BC; -webkit-box-shadow:4px 4px  
4px 4px #6DD3BC; box-shadow:4px 4px 4px  
4px #6DD3BC }
```

Background

The CSS property to change the background color of an element to Hex 6DD3BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD3BC }
```

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

```
.background{ background-color:#6DD3BC }
```

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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