

Converting Colors

Hex(00B4D6)

Have a look what the booklet for
Hex(00B4D6) contains.

Hex(00B4D6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B4D6)

Conversions

Conversions Part 1

Format	Color
Hex	00B4D6
RGB	0, 180, 214
RGB Percent	0%, 71%, 84%
CMY	1.0000, 0.2941, 0.1608
CMYK	1.00, 0.16, 0.00, 0.16
HSL	190°, 100%, 42%
HSV	190°, 100%, 84%
XYZ	28.4589, 37.4976, 69.3561
YIQ	130.0560, -118.1940, -27.5860

Conversions

Conversions Part 2

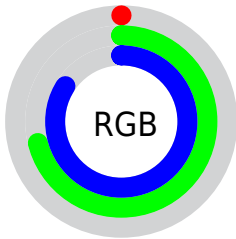
Format	Color
RYB	0, 98, 214
Decimal	46294
CIELab	67.65, -26.05, -27.86
CIELCh	68, 38.146, 226.919
Yxy	37.4976, 0.2103, 0.2771
Android (android.graphics.Color)	4278236374 (0xFF00B4D6)
YUV	130.0560, 41.3844, -114.0591
Hunter-Lab	61.2352, -24.2045, -24.2882

Details

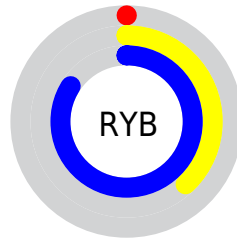
The Hex color **00B4D6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D62200**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69ECFF**, and **007F9F** is the 20% darker color. If you saturate the color by 10%, you get **00B4D6**, and if you desaturate by 10%, it is **15B7D6**.

Distribution



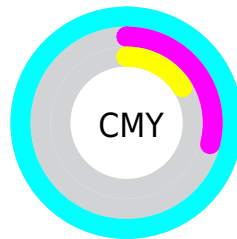
- Red (0%)
- Green (71%)
- Blue (84%)



- Red (0%)
- Yellow (38%)
- Blue (84%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B4D6 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 00B4D6 by changing the saturation by 10% instead.

 00B4D6

 00B4D6

FFFFFF

 0099BA

 69ECFF

 007F9F

 8AFFFF

 006685

 A9FFFF

 004D6C


 C8FFFF

 003653

 E7FFFF

 00223C

 000326

 00010F

 000000

 00B4D6

 15B7D6

 2BBBD6

 40BED6

 56C2D6

 6BC5D6

 80C8D6

 96CCD6

 ABCFD6

 C1D3D6

Harmonies

Analogous

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



16B7B8



00B4D6



56ADE7

Triad

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



00B4D6



DE8BB5



A8A962

Complementary

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



00B4D6



D62200

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.



C89E62



00B4D6



E88A92

Square

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



00B4D6



C195D4



DF9274



81B175

Rectangle

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



00B4D6



7FA5E9



DF9274



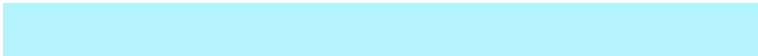
B3A55F

Sweetspot

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



00B4D6



B3F3FF



00D620



527880



000000



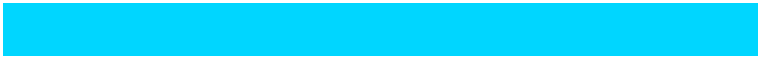
808080

Same Dimension

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



00B4D6



00D6FF



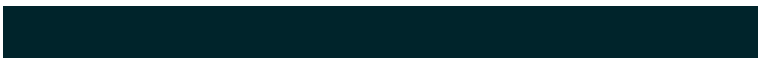
004BD6



60696B



0090AB



00242B

Inverse Universe

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



D600B4



FF00D6



D68B00



6B6069



AB0090



2B0024

Previews

White Background



This preview shows how the Hex color 00B4D6 looks on a white background.

Color Contrast Check

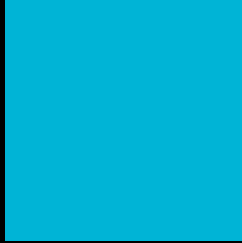
Large Text (above 18pt) WCAG AA × Fail

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 00B4D6 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 00B4D6 Background



This preview shows how black text looks on a background with the Hex color 00B4D6.

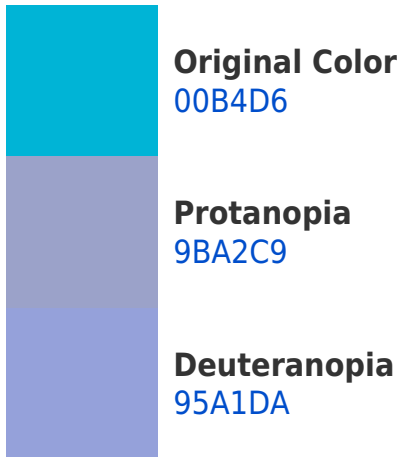


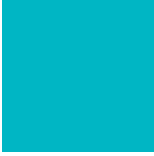
This preview shows how white text looks on a background with the Hex color 00B4D6.

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
00B6C4

Trichromacy



Original Color
00B4D6



Protanomaly
63A9CE



Deuteranomaly
5FA8D9



Tritanomaly
00B5CB

Monochromacy



Original Color
00B4D6



Achromatopsia
828282



Achromatomaly
5394A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B4D6 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 #00B4D6 looks like.

```
.text, #text, p{  
    color:#00B4D6  
}
```

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 #00B4D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4D6
}
```

Border

The CSS property to change the border of an element to Hex 00B4D6 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
#00B4D6 }
```

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

```
.border{ border-color:#00B4D6 }
```

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

Here you see how a box with a 4 pixel #00B4D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4D6; -webkit-box-shadow:4px 4px  
4px 4px #00B4D6; box-shadow:4px 4px 4px  
4px #00B4D6 }
```

Background

The CSS property to change the background color of an element to Hex 00B4D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4D6 }
```

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

```
.background{ background-color:#00B4D6 }
```

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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