

Converting Colors

Hex(00B5D6)

Have a look what the booklet for
Hex(00B5D6) contains.

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Color

Hex(00B5D6)

Conversions

Conversions Part 1

Format	Color
Hex	00B5D6
RGB	0, 181, 214
RGB Percent	0%, 71%, 84%
CMY	1.0000, 0.2902, 0.1608
CMYK	1.00, 0.15, 0.00, 0.16
HSL	189°, 100%, 42%
HSV	189°, 100%, 84%
XYZ	28.6615, 37.9028, 69.4237
YIQ	130.6430, -118.4690, -28.1090

Conversions

Conversions Part 2

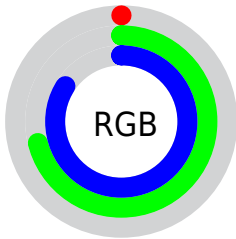
Format	Color
RYB	0, 98, 214
Decimal	46550
CIELab	67.95, -26.56, -27.40
CIELCh	68, 38.157, 225.895
Yxy	37.9028, 0.2108, 0.2787
Android (android.graphics.Color)	4278236630 (0xFF00B5D6)
YUV	130.6430, 41.0950, -114.5739
Hunter-Lab	61.5652, -24.6391, -23.7624

Details

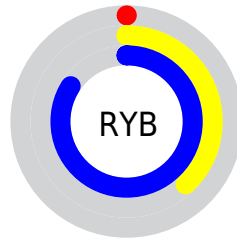
The Hex color **00B5D6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D62100**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69EDFF**, and **00809F** is the 20% darker color. If you saturate the color by 10%, you get **00B5D6**, and if you desaturate by 10%, it is **15B8D6**.

Distribution



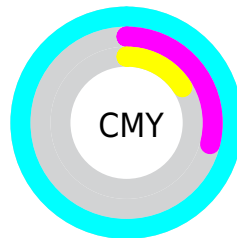
- Red (0%)
- Green (71%)
- Blue (84%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5D6 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 00B5D6 by changing the saturation by 10% instead.

 00B5D6

 00B5D6

FFFFFF

 009ABA

 69EDFF

 00809F

 8AFFFF

 006685

 A9FFFF

 004E6C

 C8FFFF

 003753

 E8FFFF

 00233C

 000326

 00010F

 000000

00B5D6

15B8D6

2BBCD6

40BFD6

56C2D6

6BC6D6

80C9D6

96CCD6

ABCFD6

C1D3D6

Harmonies

Analogous

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



1BB8B7



00B5D6



54AEE8

Triad

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



00B5D6



DE8CB7



AAA962

Complementary

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



00B5D6



D62100

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.



CA9E63



00B5D6



E98B94

Square

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



00B5D6



C096D6



E19276



83B274

Rectangle

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



00B5D6



7EA7EA



E19276



B5A660

Sweetspot

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



00B5D6



B3F3FF



00D620



527880



000000



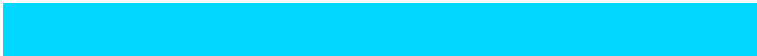
808080

Same Dimension

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



00B5D6



00D8FF



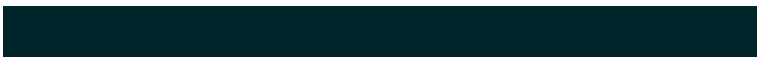
004BD6



60696B



0091AB



00252B

Inverse Universe

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



D600B5



FF00D8



D68B00



6B6069



AB0091



2B0025

Previews

White Background



This preview shows how the Hex color 00B5D6 looks on a white background.

Color Contrast Check

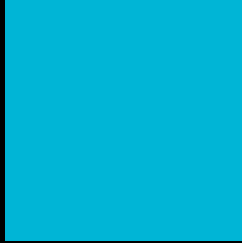
Large Text (above 18pt) WCAG AA × Fail

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 00B5D6 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 00B5D6 Background



This preview shows how black text looks on a background with the Hex color 00B5D6.

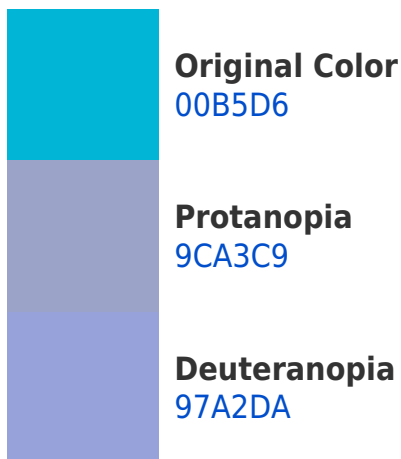


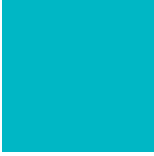
This preview shows how white text looks on a background with the Hex color 00B5D6.

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
00B7C5

Trichromacy



Original Color
00B5D6



Protanomaly
63AACE



Deuteranomaly
60A9D9



Tritanomaly
00B6CB

Monochromacy



Original Color
00B5D6



Achromatopsia
838383



Achromatomaly
5395A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5D6 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 #00B5D6 looks like.

```
.text, #text, p{  
    color:#00B5D6  
}
```

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 #00B5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5D6
}
```

Border

The CSS property to change the border of an element to Hex 00B5D6 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
#00B5D6 }
```

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

```
.border{ border-color:#00B5D6 }
```

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

Here you see how a box with a 4 pixel #00B5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5D6; -webkit-box-shadow:4px 4px  
4px 4px #00B5D6; box-shadow:4px 4px 4px  
4px #00B5D6 }
```

Background

The CSS property to change the background color of an element to Hex 00B5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5D6 }
```

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

```
.background{ background-color:#00B5D6 }
```

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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