

Converting Colors

Hex(00BBD6)

Have a look what the booklet for
Hex(00BBD6) contains.

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Color

Hex(00BBD6)

Conversions

Conversions Part 1

Format	Color
Hex	00BBD6
RGB	0, 187, 214
RGB Percent	0%, 73%, 84%
CMY	1.0000, 0.2667, 0.1608
CMYK	1.00, 0.13, 0.00, 0.16
HSL	188°, 100%, 42%
HSV	188°, 100%, 84%
XYZ	29.9079, 40.3957, 69.8392
YIQ	134.1650, -120.1190, -31.2470

Conversions

Conversions Part 2

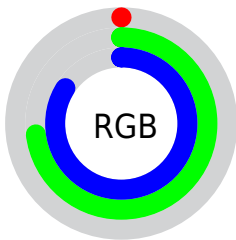
Format	Color
RYB	0, 100, 214
Decimal	48086
CIELab	69.75, -29.53, -24.64
CIELCh	70, 38.457, 219.837
Yxy	40.3957, 0.2134, 0.2882
Android (android.graphics.Color)	4278238166 (0xFF00BBD6)
YUV	134.1650, 39.3587, -117.6627
Hunter-Lab	63.5576, -27.2301, -20.6595

Details

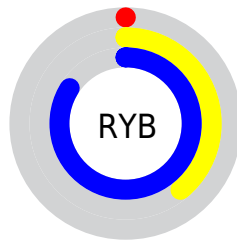
The Hex color **00BBD6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D61B00**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **69F4FF**, and **00859F** is the 20% darker color. If you saturate the color by 10%, you get **00BBD6**, and if you desaturate by 10%, it is **15BED6**.

Distribution



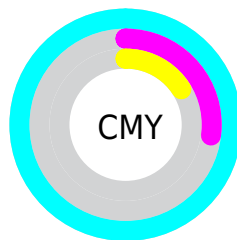
- Red (0%)
- Green (73%)
- Blue (84%)



- Red (0%)
- Yellow (39%)
- Blue (84%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BBD6 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 00BBD6 by changing the saturation by 10% instead.

 00BBD6

 00BBD6

FFFFFF

 00A0BA

 69F4FF

 00859F

 8BFFFF

 006C85

 AAFFFF

 00536C

 CAFFFF

 003B53

 E9FFFF

 00263C

 000327

 000110

 000000

 00BBD6

 15BED6

 2BC0D6

 40C3D6

 56C6D6

 6BC9D6

 80CBD6

 96CED6

 ABD1D6

 C1D3D6

Harmonies

Analogous

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



2FBDB5



00BBD6



4CB5EB

Triad

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



00BBD6



DF92C3



B6AC65

Complementary

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



00BBD6



D61B00

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.



D5A069



00BBD6



EE8FA0

Square

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



00BBD6



BD9DE0



EA957F



90B574

Rectangle

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



00BBD6



77AEF0



EA957F



C1A864

Sweetspot

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



00BBD6



B3F5FF



00D619



527A80



000000



808080

Same Dimension

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



00BBD6



00DFFF



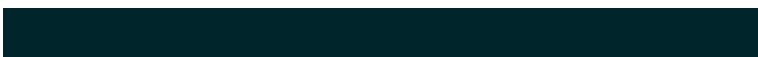
0052D6



606A6B



0095AB



00262B

Inverse Universe

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



D600BB



FF00DF



D68400



6B606A



AB0095



2B0026

Previews

White Background



This preview shows how the Hex color 00BBD6 looks on a white background.

Color Contrast Check

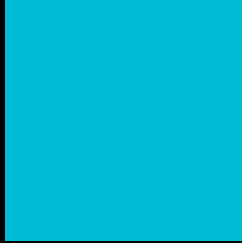
Large Text (above 18pt) WCAG AA × Fail

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 00BBD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

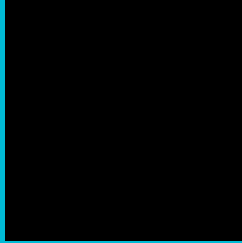
Any Text WCAG AA ✓ Pass

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 00BBD6 Background



This preview shows how black text looks on a background with the Hex color 00BBD6.

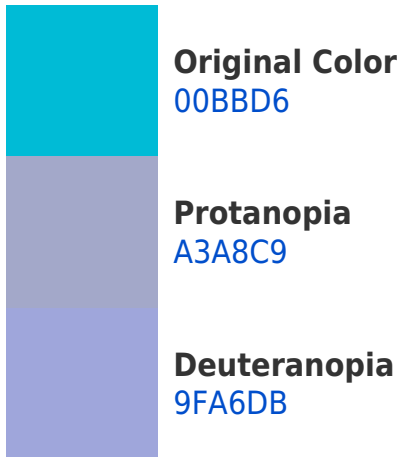


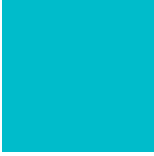
This preview shows how white text looks on a background with the Hex color 00BBD6.

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
00BCCB

Trichromacy



Original Color
00BBD6



Protanomaly
68AFCE



Deuteranomaly
65AED9



Tritanomaly
00BCCF

Monochromacy



Original Color
00BBD6



Achromatopsia
868686



Achromatomaly
5599A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BBD6 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 #00BBD6 looks like.

```
.text, #text, p{  
    color:#00BBD6  
}
```

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 #00BBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBD6
}
```

Border

The CSS property to change the border of an element to Hex 00BBD6 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
#00BBD6 }
```

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

```
.border{ border-color:#00BBD6 }
```

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

Here you see how a box with a 4 pixel #00BBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBD6; -webkit-box-shadow:4px 4px  
4px 4px #00BBD6; box-shadow:4px 4px 4px  
4px #00BBD6 }
```

Background

The CSS property to change the background color of an element to Hex 00BBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBD6 }
```

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

```
.background{ background-color:#00BBD6 }
```

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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