

Converting Colors

Hex(00B7C5)

Have a look what the booklet for
Hex(00B7C5) contains.

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Color

Hex(00B7C5)

Conversions

Conversions Part 1

Format	Color
Hex	00B7C5
RGB	0, 183, 197
RGB Percent	0%, 72%, 77%
CMY	1.0000, 0.2824, 0.2275
CMYK	1.00, 0.07, 0.00, 0.23
HSL	184°, 100%, 39%
HSV	184°, 100%, 77%
XYZ	27.0115, 37.8982, 58.7147
YIQ	129.8790, -113.5620, -34.4420

Conversions

Conversions Part 2

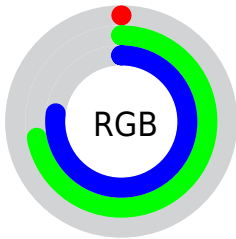
Format	Color
RYB	0, 95, 197
Decimal	47045
CIELab	67.95, -33.10, -18.06
CIELCh	68, 37.707, 208.609
Yxy	37.8982, 0.2185, 0.3066
Android (android.graphics.Color)	4278237125 (0xFF00B7C5)
YUV	129.8790, 33.0907, -113.9039
Hunter-Lab	61.5615, -29.4116, -13.4552

Details

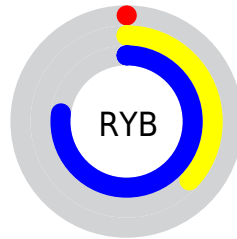
The Hex color **00B7C5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C50E00**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **66EFFE**, and **00818F** is the 20% darker color. If you saturate the color by 10%, you get **00B7C5**, and if you desaturate by 10%, it is **14B8C5**.

Distribution



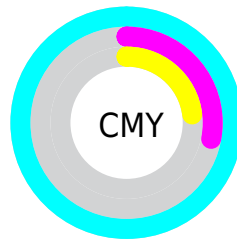
- Red (0%)
- Green (72%)
- Blue (77%)



- Red (0%)
- Yellow (37%)
- Blue (77%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B7C5 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 00B7C5 by changing the saturation by 10% instead.

 00B7C5

 00B7C5


FFFFFF

 009CAA

 66EFFE

 00818F

 87FFFF

 006876

 A6FFFF

 004F5D

 C5FFFF

 003745

 E4FFFF

 00242F

 00011B

 000000

 00B7C5

 14B8C5

 27BAC5

 3BBBC5

 4FBDC5

 63BEC5

 76BFC5

 8AC1C5

 9EC2C5

 B1C4C5

Harmonies

Analogous

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



42B8A3



00B7C5



2FB2DF

Triad

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



00B7C5



CF92CA



BDA361

Complementary

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



00B7C5



C50E00

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.



D8976C



00B7C5



E48BA9

Square

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



00B7C5



A79DE1



E78E87



9AAD69

Rectangle

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



00B7C5



5CADE8



E78E87



C79F63

Sweetspot

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



00B7C5



B3FAFF



00C50D



527C80



000000



808080

Same Dimension

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



00B7C5



00EDFF



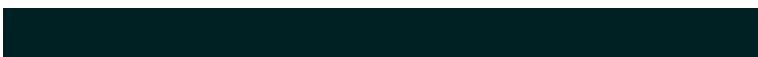
0055C5



5A6363



0098A3



002124

Inverse Universe

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



C500B7



FF00ED



C57000



635A63



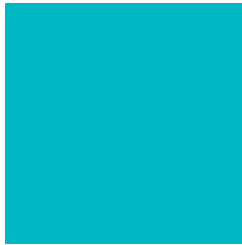
A30098



240021

Previews

White Background



This preview shows how the Hex color 00B7C5 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 00B7C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

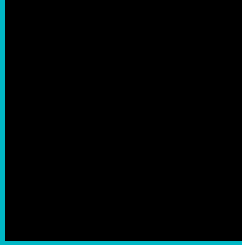
Any Text WCAG AA ✓ Pass

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 00B7C5 Background



This preview shows how black text looks on a background with the Hex color 00B7C5.

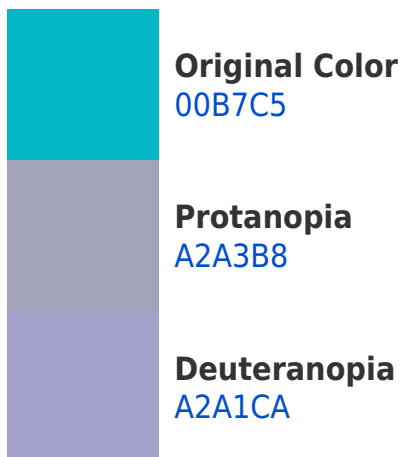


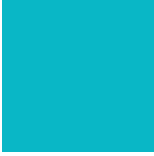
This preview shows how white text looks on a background with the Hex color 00B7C5.

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
09B7C6

Trichromacy



Original Color
00B7C5



Protanomaly
67AABD



Deuteranomaly
67A9C8



Tritanomaly
06B7C6

Monochromacy



Original Color
00B7C5



Achromatopsia
828282



Achromatomaly
53959A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7C5 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 #00B7C5 looks like.

```
.text, #text, p{  
    color:#00B7C5  
}
```

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 #00B7C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7C5
}
```

Border

The CSS property to change the border of an element to Hex 00B7C5 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
#00B7C5 }
```

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

```
.border{ border-color:#00B7C5 }
```

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

Here you see how a box with a 4 pixel #00B7C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7C5; -webkit-box-shadow:4px 4px  
4px 4px #00B7C5; box-shadow:4px 4px 4px  
4px #00B7C5 }
```

Background

The CSS property to change the background color of an element to Hex 00B7C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7C5 }
```

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

```
.background{ background-color:#00B7C5 }
```

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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