

# Converting Colors

Hex(00B5C7)

Have a look what the booklet for  
Hex(00B5C7) contains.

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# **Color**

**Hex(00B5C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B5C7
RGB	0, 181, 199
RGB Percent	0%, 71%, 78%
CMY	1.0000, 0.2902, 0.2196
CMYK	1.00, 0.09, 0.00, 0.22
HSL	185°, 100%, 39%
HSV	185°, 100%, 78%
XYZ	26.8327, 37.1713, 59.7934
YIQ	128.9330, -113.6540, -32.7740

# Conversions

## Conversions Part 2

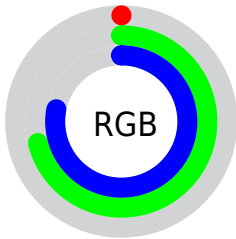
Format	Color
<a href="#">RYB</a>	<a href="#">0, 95, 199</a>
Decimal	<a href="#">46535</a>
CIELab	<a href="#">67.41, -31.50, -19.98</a>
CIELCh	<a href="#">67, 37.303, 212.382</a>
Yxy	<a href="#">37.1713, 0.2167, 0.3003</a>
Android (android.graphics.Color)	<a href="#">4278236615</a> ( <a href="#">0xFF00B5C7</a> )
YUV	<a href="#">128.9330, 34.5430, -113.0742</a>
Hunter-Lab	<a href="#">60.9682, -28.1350, -15.4697</a>

# Details

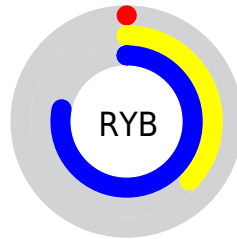
The Hex color **00B5C7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C71200**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **66EDFF**, and **008091** is the 20% darker color. If you saturate the color by 10%, you get **00B5C7**, and if you desaturate by 10%, it is **14B7C7**.

# Distribution



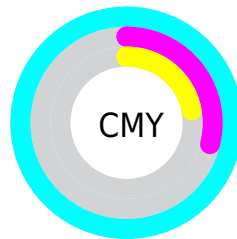
- Red (0%)
- Green (71%)
- Blue (78%)



- Red (0%)
- Yellow (37%)
- Blue (78%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (29%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B5C7 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 00B5C7 by changing the saturation by 10% instead.



 00B5C7

 00B5C7

FFFFFF

 009AAC

 66EDFF

 008091

 87FFFF

 006677

 A6FFFF

 004E5F

 C5FFFF

 003647

 E4FFFF

 002330

 00011C

 000000

 00B5C7

 14B7C7

 28B9C7

 3CBAC7

 50BCC7

 64BEC7

 77C0C7

 8BC2C7

 9FC3C7

 B3C5C7

# Harmonies

## Analogous

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



3CB6A6



00B5C7



39B0DF

# Triad

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



00B5C7



D18FC4



B8A360

# Complementary

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



00B5C7



C71200

# 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.



D39769



00B5C7



E48AA3

# Square

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



00B5C7



AB9ADD



E48D82



94AD6A

# Rectangle

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



00B5C7



63AAE6



E48D82



C29F61

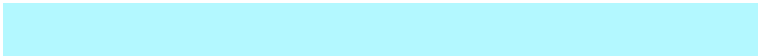


# Sweetspot

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



00B5C7



B3F8FF



00C711



527B80



000000



808080



# Same Dimension

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



00B5C7



00E8FF



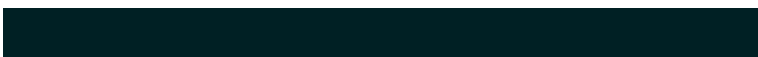
0053C7



5A6363



0094A3



002024



# Inverse Universe

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



C700B5



FF00E8



C77400



635A63



A30094



240020



# Previews

## White Background



This preview shows how the Hex color 00B5C7 looks on a white background.

## Color Contrast Check

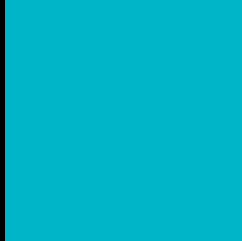
Large Text (above 18pt) WCAG AA × Fail

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 00B5C7 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

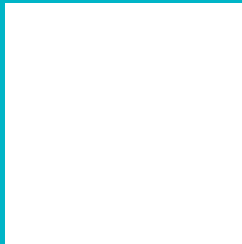
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B5C7 Background



This preview shows how black text looks on a background with the Hex color 00B5C7.



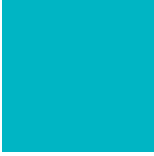
This preview shows how white text looks on a background with the Hex color 00B5C7.

# 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**  
00B5C4

# Trichromacy



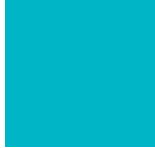
**Original Color**  
00B5C7



**Protanomaly**  
65A9BF



**Deuteranomaly**  
65A8CA



**Tritanomaly**  
00B5C5

# Monochromacy



**Original Color**  
00B5C7



**Achromatopsia**  
818181



**Achromatomaly**  
52949A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B5C7 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 #00B5C7 looks like.

```
.text, #text, p{  
    color:#00B5C7  
}
```

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 #00B5C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5C7
}
```

## Border

The CSS property to change the border of an element to Hex 00B5C7 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
#00B5C7 }
```

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

```
.border{ border-color:#00B5C7 }
```

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

Here you see how a box with a 4 pixel #00B5C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5C7; -webkit-box-shadow:4px 4px  
4px 4px #00B5C7; box-shadow:4px 4px 4px  
4px #00B5C7 }
```

# Background

The CSS property to change the background color of an element to Hex 00B5C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5C7 }
```

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

```
.background{ background-color:#00B5C7 }
```

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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