

Converting Colors

Hex(00BBBC)

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

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Color

Hex(00BBBC)

Conversions

Conversions Part 1

Format	Color
Hex	00BBBC
RGB	0, 187, 188
RGB Percent	0%, 73%, 74%
CMY	1.0000, 0.2667, 0.2627
CMYK	1.00, 0.01, 0.00, 0.26
HSL	180°, 100%, 37%
HSV	180°, 100%, 74%
XYZ	26.8474, 39.1715, 53.7228
YIQ	131.2010, -111.7730, -39.3330

Conversions

Conversions Part 2

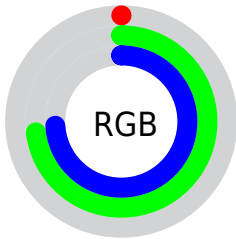
Format	Color
RYB	0, 94, 188
Decimal	48060
CIELab	68.88, -37.78, -11.70
CIELCh	69, 39.549, 197.210
Yxy	39.1715, 0.2242, 0.3271
Android (android.graphics.Color)	4278238140 (0xFF00BBBC)
YUV	131.2010, 28.0019, -115.0633
Hunter-Lab	62.5871, -32.9580, -7.0817

Details

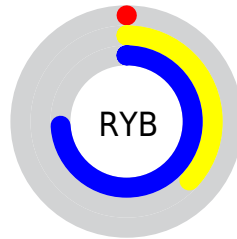
The Hex color **00BBBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC0100**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **66F4F4**, and **008587** is the 20% darker color. If you saturate the color by 10%, you get **00BBBC**, and if you desaturate by 10%, it is **13BBBC**.

Distribution



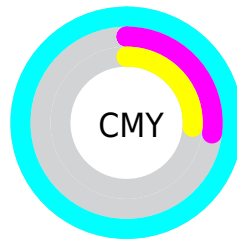
- Red (0%)
- Green (73%)
- Blue (74%)



- Red (0%)
- Yellow (37%)
- Blue (74%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 00BBBC

 00BBBC

FFFFFF

 00A0A1

 66F4F4

 008587

 86FFFF

 006B6E

 A5FFFF

 005255

 C4FFFF

 003A3E

 E3FFFF

 002628

 000114

 000000

 00BBBC

 13BBC

 26BBC

 38BBC

 4BBC

 5EBC

 71BC

 84BC

 96BC

 A9BC

Harmonies

Analogous

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



52BA97



00BBBC



00B8DC

Triad

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



00BBBC



C697D9



CDA162

Complementary

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



00BBBC



BC0100

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.



E59475



00BBBC



E48EB9

Square

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



00BBBC



95A4EC



EE8C95



ABAC62

Rectangle

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



00BBBC



3CB3E9



EE8C95



D69C67

Sweetspot

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



00BBBC



ABF4F5



00BC00



4E7A7A



FAFAFA



7A7A7A

Same Dimension

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



00BBBC



00F3F5



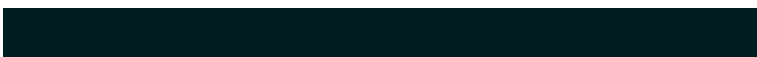
005EBC



555E5E



009D9E



001E1F

Inverse Universe

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



BC00BB



F500F3



BC5E00



5E555E



9E009D



1F001E

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

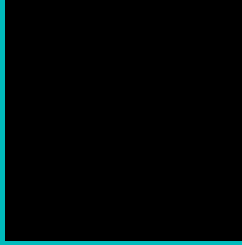
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

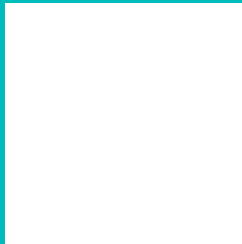
Any Text WCAG AAA ✓ Pass

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

Hex 00BBBC Background



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

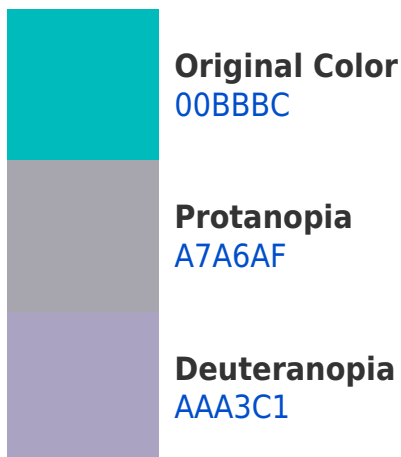


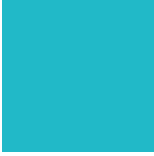
This preview shows how white text looks on a background with the Hex color 00BBBC.

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
21B9C8

Trichromacy



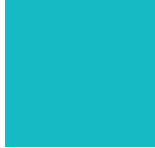
Original Color
00BBBC



Protanomaly
6AAEB4



Deuteranomaly
6CACBF



Tritanomaly
15BAC4

Monochromacy



Original Color
00BBBC



Achromatopsia
838383



Achromatomaly
539798

CSS Examples

Text

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

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

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 #00BBBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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