

Converting Colors

Hex(00B5CF)

Have a look what the booklet for
Hex(00B5CF) contains.

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Color

Hex(00B5CF)

Conversions

Conversions Part 1

Format	Color
Hex	00B5CF
RGB	0, 181, 207
RGB Percent	0%, 71%, 81%
CMY	1.0000, 0.2902, 0.1882
CMYK	1.00, 0.13, 0.00, 0.19
HSL	188°, 100%, 41%
HSV	188°, 100%, 81%
XYZ	27.7864, 37.5527, 64.8154
YIQ	129.8450, -116.2220, -30.2860

Conversions

Conversions Part 2

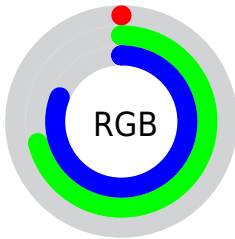
Format	Color
RYB	0, 97, 207
Decimal	46543
CIELab	67.69, -28.89, -23.95
CIElCh	68, 37.524, 219.662
Yxy	37.5527, 0.2135, 0.2885
Android (android.graphics.Color)	4278236623 (0xFF00B5CF)
YUV	129.8450, 38.0374, -113.8741
Hunter-Lab	61.2803, -26.3031, -19.8141

Details

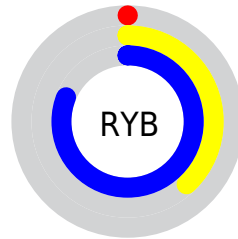
The Hex color **00B5CF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **CF1A00**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **67EDFF**, and **008099** is the 20% darker color. If you saturate the color by 10%, you get **00B5CF**, and if you desaturate by 10%, it is **15B8CF**.

Distribution



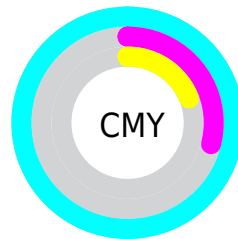
- Red (0%)
- Green (71%)
- Blue (81%)



- Red (0%)
- Yellow (38%)
- Blue (81%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5CF 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 00B5CF by changing the saturation by 10% instead.

 00B5CF


 00B5CF

FFFFFF

 009AB3

 67EDFF

 008099

 88FFFF

 00667F

 A8FFFF

 004E66

 C7FFFF

 00364D

 E6FFFF

 002336

 000221

 000007

 000000

 00B5CF

 15B8CF


 29BACF

 3EBDCF

 53BFCF

 68C2CF

 7CC5CF

 91C7CF

 A6CACF

 BACCCF

Harmonies

Analogous

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



2EB7AF



00B5CF



49AFE4

Triad

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



00B5CF



D88EBD



B0A661

Complementary

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



00B5CF



CF1A00

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.



CF9B66



00B5CF



E68A9B

Square

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



00B5CF



B798D9



E2907B



8BB070

Rectangle

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



00B5CF



72A8E8



E2907B



BBA361

Sweetspot

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



00B5CF



B3F5FF



00CF18



527A80



000000



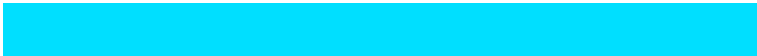
808080

Same Dimension

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



00B5CF



00DFFF



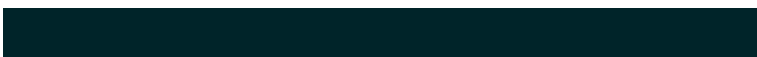
004FCF



5E6769



0093A8



002429

Inverse Universe

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



CF00B5



FF00DF



CF8000



695E67



A80093



290024

Previews

White Background



This preview shows how the Hex color 00B5CF looks on a white background.

Color Contrast Check

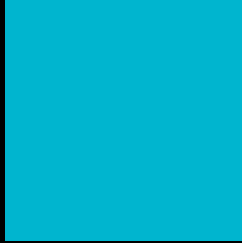
Large Text (above 18pt) WCAG AA × Fail

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 00B5CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

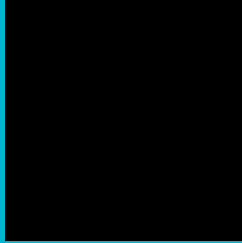
Any Text WCAG AA ✓ Pass

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 00B5CF Background



This preview shows how black text looks on a background with the Hex color 00B5CF.

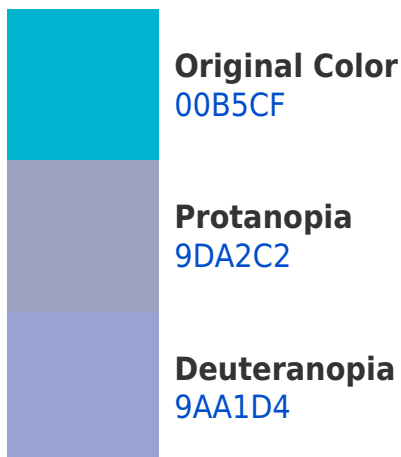


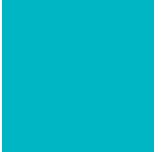
This preview shows how white text looks on a background with the Hex color 00B5CF.

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



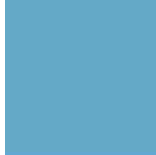


Tritanopia
00B6C5

Trichromacy



Original Color
00B5CF



Protanomaly
64A9C7



Deuteranomaly
62A8D2



Tritanomaly
00B6C9

Monochromacy



Original Color
00B5CF



Achromatopsia
828282



Achromatomaly
53959E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5CF 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 #00B5CF looks like.

```
.text, #text, p{  
    color:#00B5CF  
}
```

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 #00B5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5CF
}
```

Border

The CSS property to change the border of an element to Hex 00B5CF 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
#00B5CF }
```

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

```
.border{ border-color:#00B5CF }
```

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

Here you see how a box with a 4 pixel #00B5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5CF; -webkit-box-shadow:4px 4px  
4px 4px #00B5CF; box-shadow:4px 4px 4px  
4px #00B5CF }
```

Background

The CSS property to change the background color of an element to Hex 00B5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5CF }
```

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

```
.background{ background-color:#00B5CF }
```

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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