

# Converting Colors

Hex(00BCE8)

Have a look what the booklet for  
Hex(00BCE8) contains.

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# Color

Hex(00BCE8)

# Conversions

## Conversions Part 1

Format	Color
Hex	00BCE8
RGB	0, 188, 232
RGB Percent	0%, 74%, 91%
CMY	1.0000, 0.2627, 0.0902
CMYK	1.00, 0.19, 0.00, 0.09
HSL	191°, 100%, 45%
HSV	191°, 100%, 91%
XYZ	32.5487, 41.7926, 82.6952
YIQ	136.8040, -126.1720, -26.1720

# Conversions

## Conversions Part 2

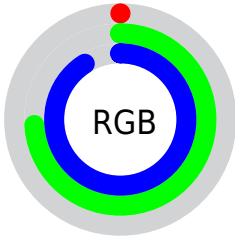
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 232
Decimal	48360
CIELab	70.73, -24.01, -32.94
CIELCh	71, 40.768, 233.911
Yxy	41.7926, 0.2073, 0.2661
Android (android.graphics.Color)	4278238440 (0xFF00BCE8)
YUV	136.8040, 46.9316, -119.9771
Hunter-Lab	64.6472, -23.2611, -30.5893

# Details

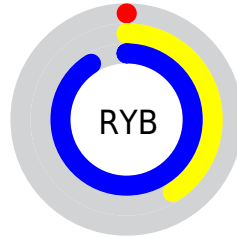
The Hex color **00BCE8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E82C00**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DF4FF**, and **0087B0** is the 20% darker color. If you saturate the color by 10%, you get **00BCE8**, and if you desaturate by 10%, it is **17C0E8**.

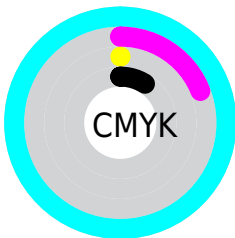
# Distribution



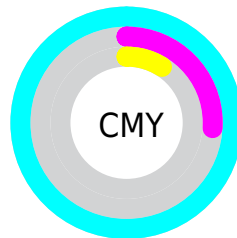
- Red (0%)
- Green (74%)
- Blue (91%)



- Red (0%)
- Yellow (41%)
- Blue (91%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (26%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BCE8 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 00BCE8 by changing the saturation by 10% instead.



 00BCE8

 00BCE8

FFFFFF

 00A1CC

 6DF4FF

 0087B0

 8EFFFF

 006D95

 AFFFFFF

 00547B

 CEFFFF

 003D62

 EEEFFF

 00274A

 000934

 00021E

 000000

 00BCE8

 17C0E8

 2EC5E8

 46C9E8

 5DC EE8

 74D2E8

 8BD6E8

 A2DBE8

 BADFE8

 D1E4E8

# Harmonies

## Analogous

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



00C0CA



00BCE8



67B3F6

# Triad

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



00BCE8



EF90B6



A7B468

# Complementary

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



00BCE8



E82C00

# 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.



CCA863



00BCE8



F59291

# Square

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



00BCE8



D499D9



E79B72



7BBC80

# Rectangle

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



00BCE8



93ABF5



E79B72



B4B064



# Sweetspot

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



00BCE8



B3FOFF



00E82B



527780



000000



808080

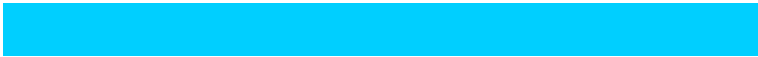


# Same Dimension

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



00BCE8



00CFFF



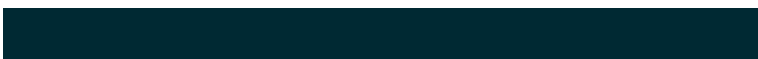
0049E8



677173



0091B3



002933



# Inverse Universe

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



E800BC



FF00CF



E89F00



736771



B30091

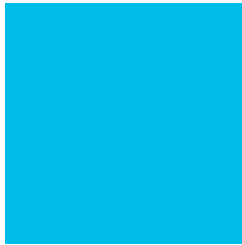


330029



# Previews

## White Background



This preview shows how the Hex color 00BCE8 looks on a white background.

## Color Contrast Check

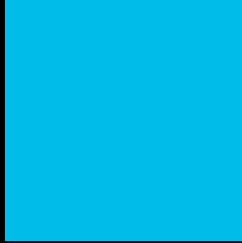
Large Text (above 18pt) WCAG AA × Fail

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 00BCE8 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 00BCE8 Background



This preview shows how black text looks on a background with the Hex color 00BCE8.

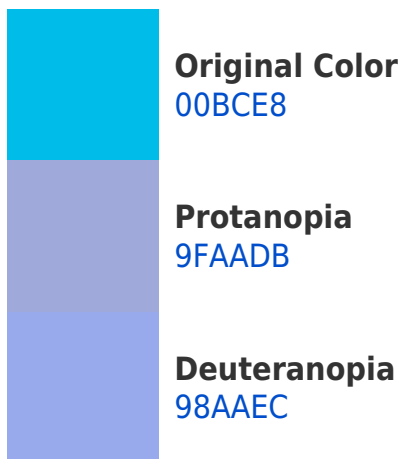


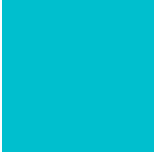
This preview shows how white text looks on a background with the Hex color 00BCE8.

# 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**  
00BFCE

# Trichromacy



**Original Color**  
00BCE8



**Protanomaly**  
65B1E0



**Deuteranomaly**  
61B1EB



**Tritanomaly**  
00BED7

# Monochromacy



**Original Color**  
00BCE8



**Achromatopsia**  
898989



**Achromatomaly**  
579CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BCE8 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 #00BCE8 looks like.

```
.text, #text, p{  
    color:#00BCE8  
}
```

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 #00BCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BCE8  
}
```

## Border

The CSS property to change the border of an element to Hex 00BCE8 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  
#00BCE8 }
```

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

```
.border{ border-color:#00BCE8 }
```

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

Here you see how a box with a 4 pixel #00BCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BCE8; -webkit-box-shadow:4px 4px  
4px 4px #00BCE8; box-shadow:4px 4px 4px  
4px #00BCE8 }
```

# Background

The CSS property to change the background color of an element to Hex 00BCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BCE8 }
```

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

```
.background{ background-color:#00BCE8 }
```

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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