

Converting Colors

Hex(00BBE8)

Have a look what the booklet for
Hex(00BBE8) contains.

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Color

Hex(00BBE8)

Conversions

Conversions Part 1

Format	Color
Hex	00BBE8
RGB	0, 187, 232
RGB Percent	0%, 73%, 91%
CMY	1.0000, 0.2667, 0.0902
CMYK	1.00, 0.19, 0.00, 0.09
HSL	192°, 100%, 45%
HSV	192°, 100%, 91%
XYZ	32.3358, 41.3668, 82.6243
YIQ	136.2170, -125.8970, -25.6490

Conversions

Conversions Part 2

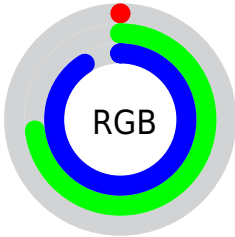
Format	Color
R _{YB}	0, 104, 232
Decimal	48104
CIE Lab	70.43, -23.50, -33.40
CIE LCh	70, 40.843, 234.866
Yxy	41.3668, 0.2068, 0.2646
Android (android.graphics.Color)	4278238184 (0xFF00BBE8)
YUV	136.2170, 47.2210, -119.4623
Hunter-Lab	64.3171, -22.8128, -31.1443

Details

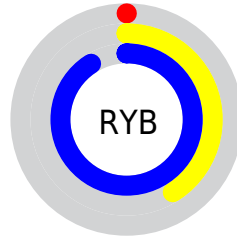
The Hex color **00BBE8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E82D00**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DF3FF**, and **0086B0** is the 20% darker color. If you saturate the color by 10%, you get **00BBE8**, and if you desaturate by 10%, it is **17BFE8**.

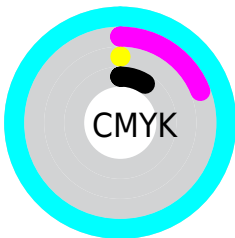
Distribution



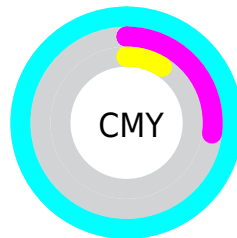
- Red (0%)
- Green (73%)
- Blue (91%)



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



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



- Cyan (100%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BBE8 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 00BBE8 by changing the saturation by 10% instead.

 00BBE8

 00BBE8

FFFFFF

 00A0CC

 6DF3FF

 0086B0

 8EFFFF

 006C95

 AEFFFF

 00547B

 CEFFFF

 003C62

 EEEFFF

 00274A

 000734

 00021E

 000000

 00BBE8

 17BFE8

 2EC4E8

 46C8E8

 5DCDE8

 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.



00BFCA



00BBE8



68B2F6

Triad

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



00BBE8



EF8FB4



A5B367

Complementary

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



00BBE8



E8D00

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.



CAA862



00BBE8



F4918F

Square

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



00BBE8



D598D7



E69B71



79BB80

Rectangle

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



00BBE8



94AAF4



E69B71



B2B063

Sweetspot

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



00BBE8



B3FOFF



00E82B



527780



000000



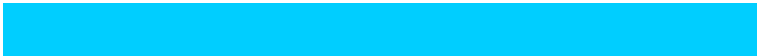
808080

Same Dimension

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



00BBE8



00CEFF



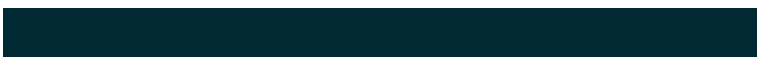
0049E8



677173



0090B3



002933

Inverse Universe

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



E800BB



FF00CE



E89F00



736771



B30090



330029

Previews

White Background



This preview shows how the Hex color 00BBE8 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 00BBE8 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 00BBE8 Background



This preview shows how black text looks on a background with the Hex color 00BBE8.

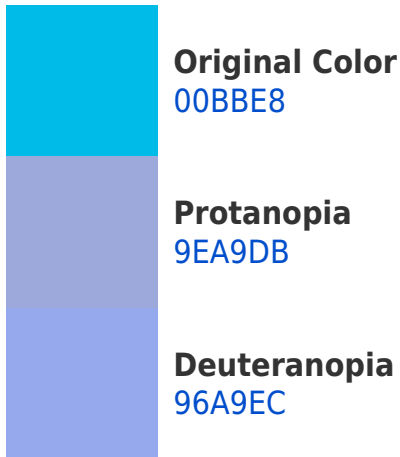


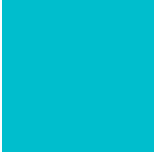
This preview shows how white text looks on a background with the Hex color 00BBE8.

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





Trichromacy



Original Color
00BBE8



Protanomaly
65B0E0



Deuteranomaly
5FB0EB



Tritanomaly
00BDD7

Monochromacy



Original Color
00BBE8



Achromatopsia
888888



Achromatomaly
579BAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BBE8 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 #00BBE8 looks like.

```
.text, #text, p{  
    color:#00BBE8  
}
```

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 #00BBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBE8
}
```

Border

The CSS property to change the border of an element to Hex 00BBE8 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
#00BBE8 }
```

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

```
.border{ border-color:#00BBE8 }
```

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

Here you see how a box with a 4 pixel #00BBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBE8; -webkit-box-shadow:4px 4px  
4px 4px #00BBE8; box-shadow:4px 4px 4px  
4px #00BBE8 }
```

Background

The CSS property to change the background color of an element to Hex 00BBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBE8 }
```

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

```
.background{ background-color:#00BBE8 }
```

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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