

# Converting Colors

Hex(00BEE6)

Have a look what the booklet for  
Hex(00BEE6) contains.

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# **Color**

**Hex(00BEE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BEE6
RGB	0, 190, 230
RGB Percent	0%, 75%, 90%
CMY	1.0000, 0.2549, 0.0980
CMYK	1.00, 0.17, 0.00, 0.10
HSL	190°, 100%, 45%
HSV	190°, 100%, 90%
XYZ	32.6964, 42.5401, 81.3507
YIQ	137.7500, -126.0800, -27.8400

# Conversions

## Conversions Part 2

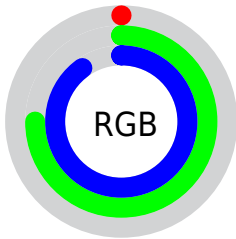
Format	Color
<a href="#">RYB</a>	0, 104, 230
Decimal	48870
CIELab	71.24, -25.70, -31.06
CIELCh	71, 40.318, 230.397
Yxy	42.5401, 0.2088, 0.2717
Android (android.graphics.Color)	4278238950 (0xFF00BEE6)
YUV	137.7500, 45.4793, -120.8067
Hunter-Lab	65.2228, -24.6572, -28.2950

# Details

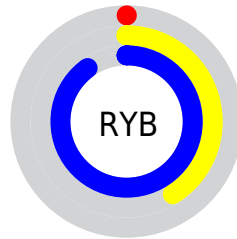
The Hex color **00BEE6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E62800**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DF7FF**, and **0088AE** is the 20% darker color. If you saturate the color by 10%, you get **00BEE6**, and if you desaturate by 10%, it is **17C2E6**.

# Distribution



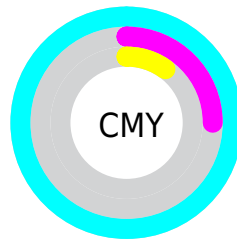
- Red (0%)
- Green (75%)
- Blue (90%)



- Red (0%)
- Yellow (41%)
- Blue (90%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (25%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BEE6 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 00BEE6 by changing the saturation by 10% instead.



 00BEE6

 00BEE6

FFFFFF

 00A3CA

 6DF7FF

 0088AE

 8EFFFF

 006F94

 AEFFFF

 00567A

 CEFFFF

 003E61

 EEEFFF

 002849

 000C32

 00021C

 000000

 00BEE6

 17C2E6

 2EC6E6

 45CAE6

 5CCEE6

 73D2E6

 8AD6E6

 A1DAE6

 B8DEE6

 CFE2E6

# Harmonies

## Analogous

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



00C2C7



00BEE6



61B6F6

# Triad

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



00BEE6



EE93BC



ADB468

# Complementary

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



00BEE6



E62800

# 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.



D1A866



00BEE6



F69397

# Square

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



00BEE6



D19CDE



EB9B77



83BD7E

# Rectangle

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



00BEE6



8DAEF6



EB9B77



BAB065



# Sweetspot

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



00BEE6



B3F2FF



00E626



527880



000000



808080

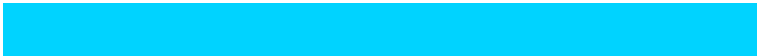


# Same Dimension

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



00BEE6



00D3FF



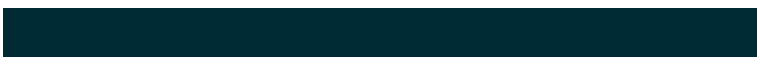
004DE6



677173



0093B3



002A33



# Inverse Universe

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



E600BE



FF00D3



E69900



736771



B30093

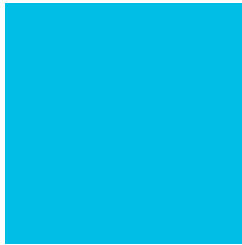


33002A



# Previews

## White Background



This preview shows how the Hex color 00BEE6 looks on a white background.

## Color Contrast Check

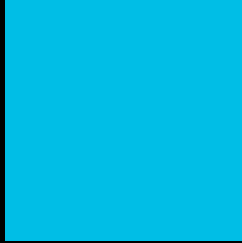
Large Text (above 18pt) WCAG AA × Fail

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 00BEE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

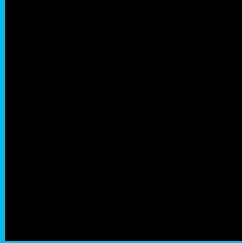
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00BEE6 Background



This preview shows how black text looks on a background with the Hex color 00BEE6.



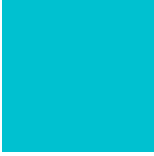
This preview shows how white text looks on a background with the Hex color 00BEE6.

# 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**  
00C1D0

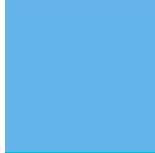
# Trichromacy



**Original Color**  
00BEE6



**Protanomaly**  
67B2DD



**Deuteranomaly**  
63B2E9



**Tritanomaly**  
00C0D8

# Monochromacy



**Original Color**  
00BEE6



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
589DAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BEE6 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 #00BEE6 looks like.

```
.text, #text, p{  
    color:#00BEE6  
}
```

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 #00BEE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEE6
}
```

## Border

The CSS property to change the border of an element to Hex 00BEE6 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
#00BEE6 }
```

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

```
.border{ border-color:#00BEE6 }
```

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

Here you see how a box with a 4 pixel #00BEE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEE6; -webkit-box-shadow:4px 4px  
4px 4px #00BEE6; box-shadow:4px 4px 4px  
4px #00BEE6 }
```

# Background

The CSS property to change the background color of an element to Hex 00BEE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEE6 }
```

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

```
.background{ background-color:#00BEE6 }
```

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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