

Converting Colors

Hex(00BEE5)

Have a look what the booklet for
Hex(00BEE5) contains.

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Color

Hex(00BEE5)

Conversions

Conversions Part 1

Format	Color
Hex	00BEE5
RGB	0, 190, 229
RGB Percent	0%, 75%, 90%
CMY	1.0000, 0.2549, 0.1020
CMYK	1.00, 0.17, 0.00, 0.10
HSL	190°, 100%, 45%
HSV	190°, 100%, 90%
XYZ	32.5563, 42.4841, 80.6131
YIQ	137.6360, -125.7590, -28.1510

Conversions

Conversions Part 2

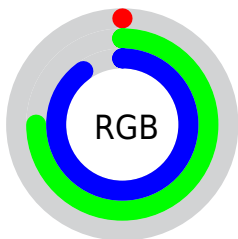
Format	Color
R _{YB}	0, 104, 229
Decimal	48869
CIE _{Lab}	71.20, -26.04, -30.58
CIE _{LCh}	71, 40.163, 229.587
Y _{xy}	42.4841, 0.2092, 0.2729
Android (android.graphics.Color)	4278238949 (0xFF00BEE5)
YUV	137.6360, 45.0425, -120.7068
Hunter-Lab	65.1798, -24.9066, -27.7029

Details

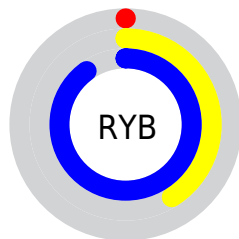
The Hex color **00BEE5** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E52700**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6CF7FF**, and **0088AD** is the 20% darker color. If you saturate the color by 10%, you get **00BEE5**, and if you desaturate by 10%, it is **17C2E5**.

Distribution



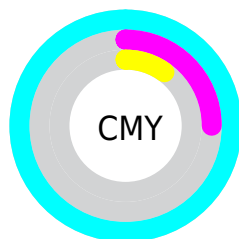
- Red (0%)
- Green (75%)
- Blue (90%)



- 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 00BEE5 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 00BEE5 by changing the saturation by 10% instead.

00BEE5

00BEE5

FFFFFF

00A3C9

6CF7FF

0088AD

8EFFFF

006F93

AFFFFFF

005679

CEFFFF

003E60

EDFFFF

002848

000C31

00011C

000000

 00BEE5

 17C2E5

 2EC6E5

 45CAE5

 5CCEE5

 73D2E5

 89D5E5

 A0D9E5

 B7DDE5

 CEE1E5

Harmonies

Analogous

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



01C2C6



00BEE5



60B6F6

Triad

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



00BEE5



ED93BD



AEB468

Complementary

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



00BEE5



E52700

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



00BEE5



F69398

Square

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



00BEE5



D09CDE



EB9B78



84BC7E

Rectangle

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



00BEE5



8CAEF6



EB9B78



BBB065

Sweetspot

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



00BEE5



B3F2FF



00E526



527880



000000



808080

Same Dimension

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



00BEE5



00D4FF



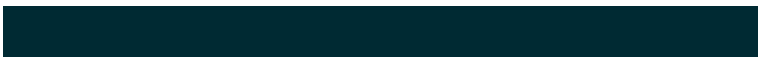
004CE5



677173



0094B3



002A33

Inverse Universe

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



E500BE



FF00D4



E59900



736771



B30094



33002A

Previews

White Background



This preview shows how the Hex color 00BEE5 looks on a white background.

Color Contrast Check

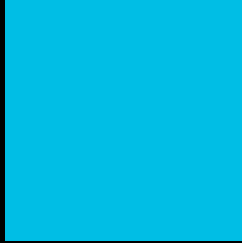
Large Text (above 18pt) WCAG AA × Fail

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 00BEE5 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 00BEE5 Background



This preview shows how black text looks on a background with the Hex color 00BEE5.

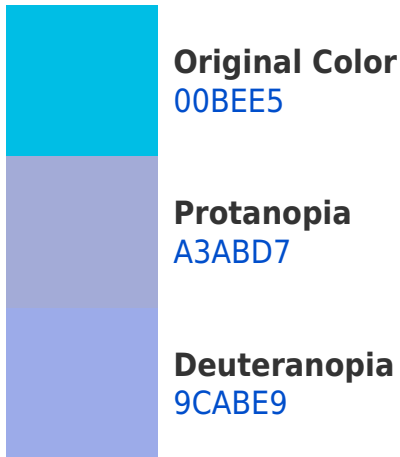


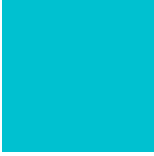
This preview shows how white text looks on a background with the Hex color 00BEE5.

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



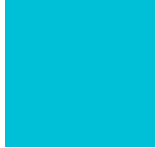
Original Color
00BEE5



Protanomaly
68B2DC



Deuteranomaly
63B2E8



Tritanomaly
00C0D8

Monochromacy



Original Color
00BEE5



Achromatopsia
8A8A8A



Achromatomaly
589DAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BEE5 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 #00BEE5 looks like.

```
.text, #text, p{  
    color:#00BEE5  
}
```

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 #00BEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEE5
}
```

Border

The CSS property to change the border of an element to Hex 00BEE5 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
#00BEE5 }
```

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

```
.border{ border-color:#00BEE5 }
```

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

Here you see how a box with a 4 pixel #00BEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEE5; -webkit-box-shadow:4px 4px  
4px 4px #00BEE5; box-shadow:4px 4px 4px  
4px #00BEE5 }
```

Background

The CSS property to change the background color of an element to Hex 00BEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEE5 }
```

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

```
.background{ background-color:#00BEE5 }
```

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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