

Converting Colors

Hex(00BEDE)

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

Hex(00BEDE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00BEDE)

Conversions

Conversions Part 1

Format	Color
Hex	00BEDE
RGB	0, 190, 222
RGB Percent	0%, 75%, 87%
CMY	1.0000, 0.2549, 0.1294
CMYK	1.00, 0.14, 0.00, 0.13
HSL	189°, 100%, 44%
HSV	189°, 100%, 87%
XYZ	31.5983, 42.1008, 75.5681
YIQ	136.8380, -123.5120, -30.3280

Conversions

Conversions Part 2

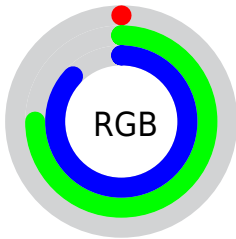
Format	Color
R _{YB}	0, 102, 222
Decimal	48862
CIE Lab	70.94, -28.37, -27.18
CIE LCh	71, 39.286, 223.771
Yxy	42.1008, 0.2117, 0.2821
Android (android.graphics.Color)	4278238942 (0xFF00BEDE)
YUV	136.8380, 41.9849, -120.0069
Hunter-Lab	64.8852, -26.6217, -23.6321

Details

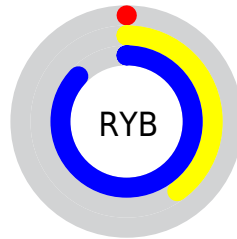
The Hex color **00BEDE** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DE2000**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6BF7FF**, and **0088A7** is the 20% darker color. If you saturate the color by 10%, you get **00BEDE**, and if you desaturate by 10%, it is **16C1DE**.

Distribution



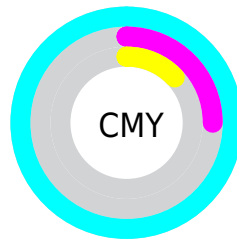
- Red (0%)
- Green (75%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 00BEDE

 00BEDE

FFFFFF

 00A3C2

 6BF7FF

 0088A7

 8DFFFF

 006F8C

 ADFFFF

 005673

 CCFFFF

 003E5A

 EBFFFF

 002842

 000A2C

 000117

 000000

 00BEDE

 16C1DE

 2CC4DE

 43C8DE

 59CBDE

 6FCEDE

 85D1DE

 9BD4DE

 B2D8DE

 C8DBDE

Harmonies

Analogous

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



25C1BD



00BEDE



55B7F2

Triad

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



00BEDE



E794C3



B5B167

Complementary

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



00BEDE



DE2000

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.



D6A569



00BEDE



F3929E

Square

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



00BEDE



C79EE1



EC997E



8DBA79

Rectangle

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



00BEDE



81B0F5



EC997E



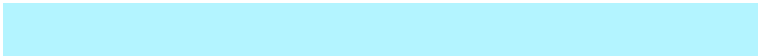
C1AD65

Sweetspot

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



00BEDE



B3F4FF



00DE1E



527980



000000



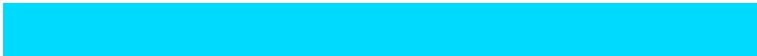
808080

Same Dimension

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



00BEDE



00DAFF



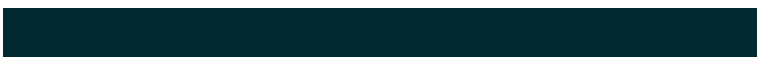
0051DE



656F70



0097B0



002930

Inverse Universe

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



DE00BE



FF00DA



DE8D00



70656F



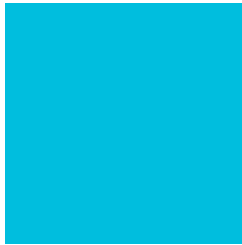
B00097



300029

Previews

White Background



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

Color Contrast Check

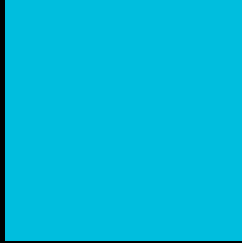
Large Text (above 18pt) WCAG AA × Fail

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 00BEDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

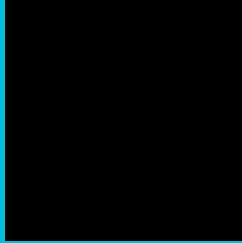
Any Text WCAG AA ✓ Pass

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 00BEDE Background



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

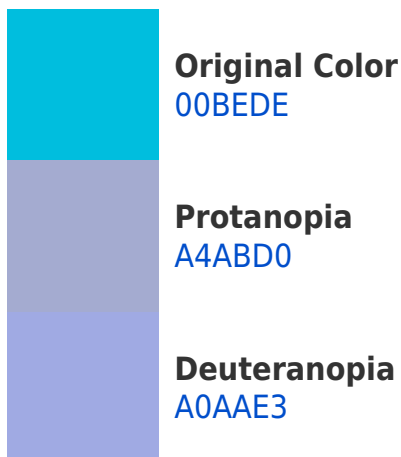


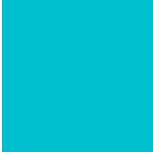
This preview shows how white text looks on a background with the Hex color 00BEDE.

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
00BEDE



Protanomaly
68B2D5



Deuteranomaly
66B1E1



Tritanomaly
00BFD4

Monochromacy



Original Color
00BEDE



Achromatopsia
898989



Achromatomaly
579CA8

CSS Examples

Text

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

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

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 #00BEDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor