

Converting Colors

Hex(00BED2)

Have a look what the booklet for
Hex(00BED2) contains.

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Color

Hex(00BED2)

Conversions

Conversions Part 1

Format	Color
Hex	00BED2
RGB	0, 190, 210
RGB Percent	0%, 75%, 82%
CMY	1.0000, 0.2549, 0.1765
CMYK	1.00, 0.10, 0.00, 0.18
HSL	186°, 100%, 41%
HSV	186°, 100%, 82%
XYZ	30.0463, 41.4801, 67.3956
YIQ	135.4700, -119.6600, -34.0600

Conversions

Conversions Part 2

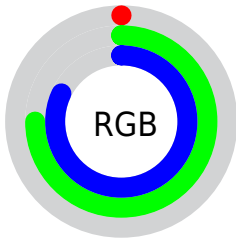
Format	Color
RYB	0, 100, 210
Decimal	48850
CIELab	70.51, -32.28, -21.29
CIELCh	71, 38.672, 213.402
Yxy	41.4801, 0.2163, 0.2986
Android (android.graphics.Color)	4278238930 (0xFF00BED2)
YUV	135.4700, 36.7433, -118.8072
Hunter-Lab	64.4050, -29.4347, -16.9596

Details

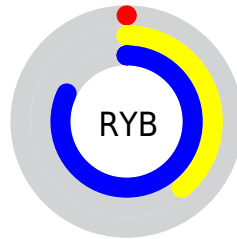
The Hex color **00BED2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **D21400**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **69F7FF**, and **00889B** is the 20% darker color. If you saturate the color by 10%, you get **00BED2**, and if you desaturate by 10%, it is **15C0D2**.

Distribution



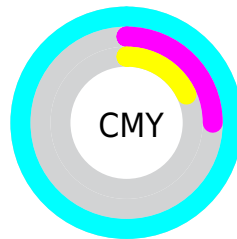
- Red (0%)
- Green (75%)
- Blue (82%)



- Red (0%)
- Yellow (39%)
- Blue (82%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BED2 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 00BED2 by changing the saturation by 10% instead.

 00BED2

 00BED2

FFFFFF

 00A3B6

 69F7FF

 00889B

 8AFFFF

 006E81

 AAFFFF

 005568

 C9FFFF

 003E50

 E8FFFF

 002839

 000624

 00000C

 000000

 00BED2

 15C0D2

 2AC2D2

 3FC4D2

 54C6D2

 69C8D2

 7ECAD2

 93CCD2

 A8CED2

 BDD0D2

Harmonies

Analogous

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



3DBFAF



00BED2



3FB8EA

Triad

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



00BED2



DC96CD



C0AC65

Complementary

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



00BED2



D21400

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.



DD9F6E



00BED2



EF91AA

Square

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



00BED2



B6A2E7



EF9588



9AB670

Rectangle

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



00BED2



6BB2F2



EF9588



CBA866

Sweetspot

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



00BED2



B3F8FF



00D211



527B80



000000



808080

Same Dimension

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



00BED2



00E7FF



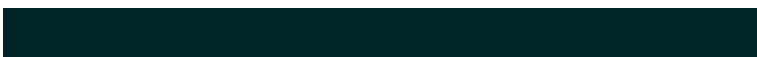
0058D2



5E6869



0098A8



002529

Inverse Universe

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



D200BE



FF00E7



D27B00



695E68



A80098



290025

Previews

White Background



This preview shows how the Hex color 00BED2 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 00BED2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

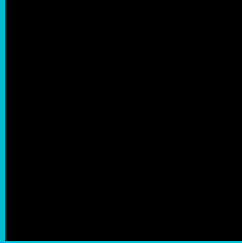
Any Text WCAG AA ✓ Pass

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 00BED2 Background



This preview shows how black text looks on a background with the Hex color 00BED2.

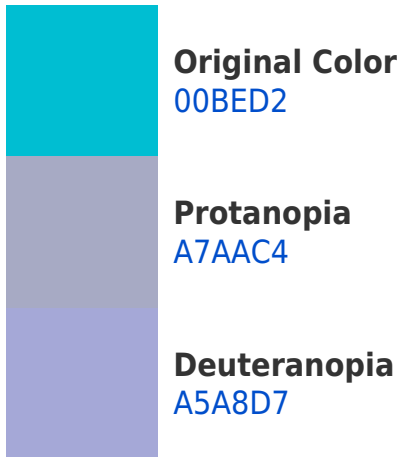


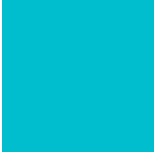
This preview shows how white text looks on a background with the Hex color 00BED2.

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

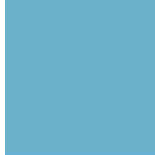




Trichromacy



Original Color
00BED2



Protanomaly
6AB1C9



Deuteranomaly
69B0D5



Tritanomaly
00BECF

Monochromacy



Original Color
00BED2



Achromatopsia
878787



Achromatomaly
569BA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BED2 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 #00BED2 looks like.

```
.text, #text, p{  
    color:#00BED2  
}
```

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 #00BED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BED2
}
```

Border

The CSS property to change the border of an element to Hex 00BED2 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
#00BED2 }
```

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

```
.border{ border-color:#00BED2 }
```

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

Here you see how a box with a 4 pixel #00BED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BED2; -webkit-box-shadow:4px 4px  
4px 4px #00BED2; box-shadow:4px 4px 4px  
4px #00BED2 }
```

Background

The CSS property to change the background color of an element to Hex 00BED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BED2 }
```

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

```
.background{ background-color:#00BED2 }
```

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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