

Converting Colors

Hex(00B5E7)

Have a look what the booklet for
Hex(00B5E7) contains.

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Color

Hex(00B5E7)

Conversions

Conversions Part 1

Format	Color
Hex	00B5E7
RGB	0, 181, 231
RGB Percent	0%, 71%, 91%
CMY	1.0000, 0.2902, 0.0941
CMYK	1.00, 0.22, 0.00, 0.09
HSL	193°, 100%, 45%
HSV	193°, 100%, 91%
XYZ	30.9477, 38.8173, 81.4627
YIQ	132.5810, -123.9260, -22.8220

Conversions

Conversions Part 2

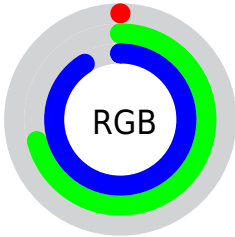
Format	Color
RYB	0, 101, 231
Decimal	46567
CIELab	68.62, -20.76, -35.67
CIELCh	69, 41.269, 239.805
Yxy	38.8173, 0.2046, 0.2567
Android (android.graphics.Color)	4278236647 (0xFF00B5E7)
YUV	132.5810, 48.5206, -116.2735
Hunter-Lab	62.3035, -20.3658, -33.9100

Details

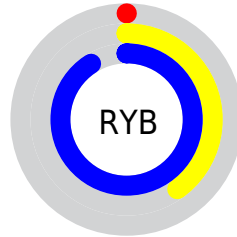
The Hex color **00B5E7** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E73200**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6CEDFF**, and **0080AF** is the 20% darker color. If you saturate the color by 10%, you get **00B5E7**, and if you desaturate by 10%, it is **17BAE7**.

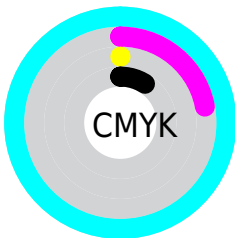
Distribution



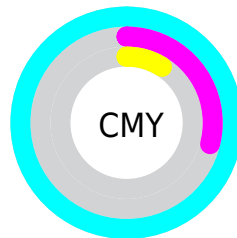
- Red (0%)
- Green (71%)
- Blue (91%)



- Red (0%)
- Yellow (40%)
- Blue (91%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5E7 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 00B5E7 by changing the saturation by 10% instead.

 00B5E7

FFFFFF

 6CEDFF

 8DFFFF

 ADFFFF

 CDFFFF

 ECFFFF

 00B5E7

 009ACB

 0080AF

 006794

 004F7A

 003861

 002349

 000432

 00021D

 000000

 00B5E7

 17BAE7

 2EBFE7

 45C4E7

 5CC9E7

 74CEE7

 8BD3E7

 A2D8E7

 B9DDE7

 D0E2E7

Harmonies

Analogous

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



00BACB



00B5E7



6DABF2

Triad

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



00B5E7



EC8AA9



99B065

Complementary

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



00B5E7



E73200

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.



BFA55C



00B5E7



EE8D84

Square

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



00B5E7



D691CD



DD9868



6BB881

Rectangle

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



00B5E7



98A2ED



DD9868



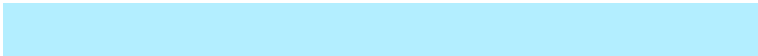
A6AD5F

Sweetspot

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



00B5E7



B3EEFF



00E72E



527680



000000



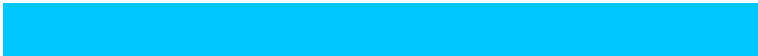
808080

Same Dimension

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



00B5E7



00C8FF



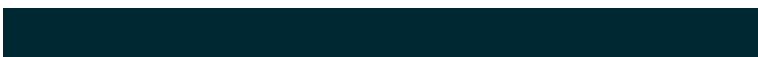
0045E7



677073



008CB3



002833

Inverse Universe

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



E700B5



FF00C8



E7A200



736770



B3008C



330028

Previews

White Background



This preview shows how the Hex color 00B5E7 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 00B5E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

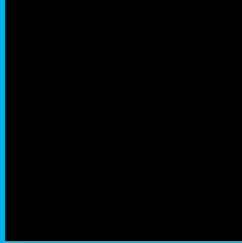
Any Text WCAG AA ✓ Pass

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 00B5E7 Background



This preview shows how black text looks on a background with the Hex color 00B5E7.

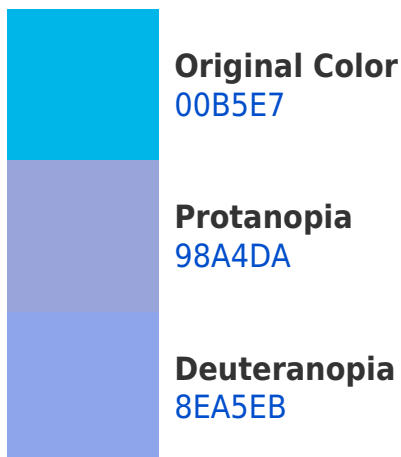


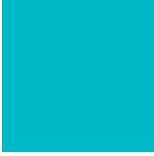
This preview shows how white text looks on a background with the Hex color 00B5E7.

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
00B9C7

Trichromacy



Original Color
00B5E7



Protanomaly
61AADF



Deuteranomaly
5AABEA



Tritanomaly
00B8D3

Monochromacy



Original Color
00B5E7



Achromatopsia
858585



Achromatomaly
5596A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5E7 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 #00B5E7 looks like.

```
.text, #text, p{  
    color:#00B5E7  
}
```

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 #00B5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5E7
}
```

Border

The CSS property to change the border of an element to Hex 00B5E7 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
#00B5E7 }
```

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

```
.border{ border-color:#00B5E7 }
```

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

Here you see how a box with a 4 pixel #00B5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5E7; -webkit-box-shadow:4px 4px  
4px 4px #00B5E7; box-shadow:4px 4px 4px  
4px #00B5E7 }
```

Background

The CSS property to change the background color of an element to Hex 00B5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5E7 }
```

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

```
.background{ background-color:#00B5E7 }
```

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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