

Converting Colors

Hex(00B5E6)

Have a look what the booklet for
Hex(00B5E6) contains.

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Color

Hex(00B5E6)

Conversions

Conversions Part 1

Format	Color
Hex	00B5E6
RGB	0, 181, 230
RGB Percent	0%, 71%, 90%
CMY	1.0000, 0.2902, 0.0980
CMYK	1.00, 0.21, 0.00, 0.10
HSL	193°, 100%, 45%
HSV	193°, 100%, 90%
XYZ	30.8068, 38.7609, 80.7208
YIQ	132.4670, -123.6050, -23.1330

Conversions

Conversions Part 2

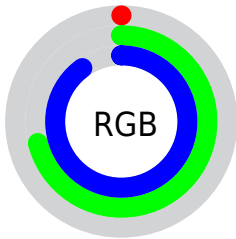
Format	Color
RYB	0, 101, 230
Decimal	46566
CIELab	68.58, -21.10, -35.19
CIELCh	69, 41.030, 239.049
Yxy	38.7609, 0.2050, 0.2579
Android (android.graphics.Color)	4278236646 (0xFF00B5E6)
YUV	132.4670, 48.0838, -116.1736
Hunter-Lab	62.2583, -20.6261, -33.2915

Details

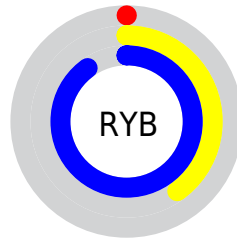
The Hex color **00B5E6** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E63100**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6CEDFF**, and **0080AE** is the 20% darker color. If you saturate the color by 10%, you get **00B5E6**, and if you desaturate by 10%, it is **17BAE6**.

Distribution



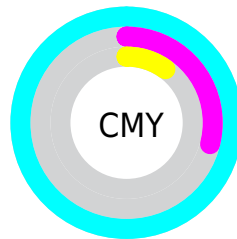
- Red (0%)
- Green (71%)
- Blue (90%)



- Red (0%)
- Yellow (40%)
- Blue (90%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5E6 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 00B5E6 by changing the saturation by 10% instead.

 00B5E6

 00B5E6

FFFFFF

 009ACA

 6CEDFF

 0080AE

 8DFFFF

 006793

 ADFFFF

 004F79

 CDFFFF

 003860

 ECFFFF

 002348

 000432

 00011C

 000000

 00B5E6

 17BAE6

 2EBFE6

 45C4E6

 5CC9E6

 73CEE6

 8AD2E6

 A1D7E6

 B8DCE6

 CFE1E6

Harmonies

Analogous

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



00BACA



00B5E6



6CABF1

Triad

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



00B5E6



EB8AAA



9AB065

Complementary

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



00B5E6



E63100

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.



C0A55C



00B5E6



ED8D85

Square

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



00B5E6



D591CE



DD9869



6DB780

Rectangle

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



00B5E6



97A3ED



DD9869



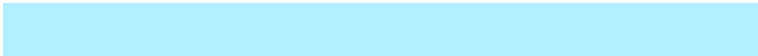
A7AC60

Sweetspot

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



00B5E6



B3EFFF



00E62E



527680



000000



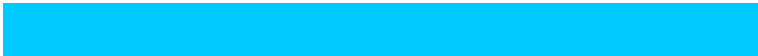
808080

Same Dimension

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



00B5E6



00C9FF



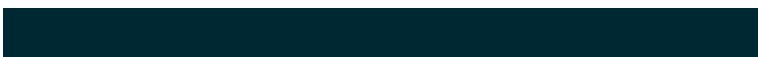
0045E6



677073



008CB3



002833

Inverse Universe

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



E600B5



FF00C9



E6A100



736770



B3008C



330028

Previews

White Background



This preview shows how the Hex color 00B5E6 looks on a white background.

Color Contrast Check

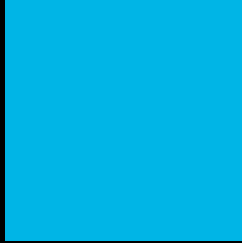
Large Text (above 18pt) WCAG AA × Fail

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 00B5E6 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 00B5E6 Background



This preview shows how black text looks on a background with the Hex color 00B5E6.

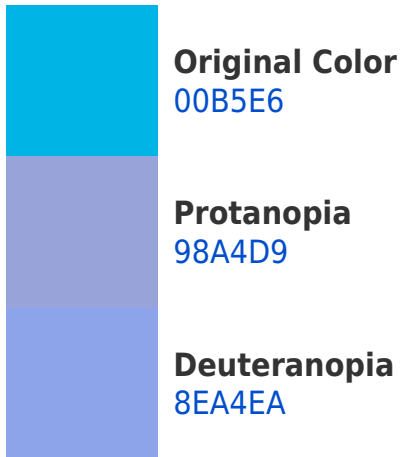


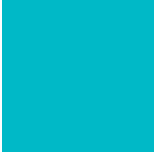
This preview shows how white text looks on a background with the Hex color 00B5E6.

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

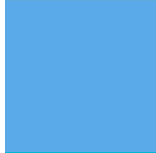
Trichromacy



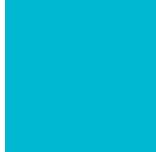
Original Color
00B5E6



Protanomaly
61AADE



Deuteranomaly
5AAAE9



Tritanomaly
00B8D2

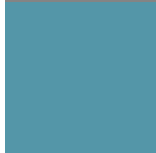
Monochromacy



Original Color
00B5E6



Achromatopsia
848484



Achromatomaly
5496A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5E6 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 #00B5E6 looks like.

```
.text, #text, p{  
    color:#00B5E6  
}
```

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 #00B5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5E6
}
```

Border

The CSS property to change the border of an element to Hex 00B5E6 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
#00B5E6 }
```

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

```
.border{ border-color:#00B5E6 }
```

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

Here you see how a box with a 4 pixel #00B5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5E6; -webkit-box-shadow:4px 4px  
4px 4px #00B5E6; box-shadow:4px 4px 4px  
4px #00B5E6 }
```

Background

The CSS property to change the background color of an element to Hex 00B5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5E6 }
```

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

```
.background{ background-color:#00B5E6 }
```

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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