

Converting Colors

Hex(00ABC5)

Have a look what the booklet for
Hex(00ABC5) contains.

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Color

Hex(00ABC5)

Conversions

Conversions Part 1

Format	Color
Hex	00ABC5
RGB	0, 171, 197
RGB Percent	0%, 67%, 77%
CMY	1.0000, 0.3294, 0.2275
CMYK	1.00, 0.13, 0.00, 0.23
HSL	188°, 100%, 39%
HSV	188°, 100%, 77%
XYZ	24.6410, 33.1570, 57.9246
YIQ	122.8350, -110.2620, -28.1660

Conversions

Conversions Part 2

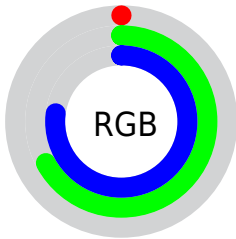
Format	Color
RYB	0, 92, 197
Decimal	43973
CIELab	64.29, -27.25, -23.63
CIELCh	64, 36.068, 220.928
Yxy	33.1570, 0.2129, 0.2865
Android (android.graphics.Color)	4278234053 (0xFF00ABC5)
YUV	122.8350, 36.5633, -107.7263
Hunter-Lab	57.5821, -24.3838, -19.3351

Details

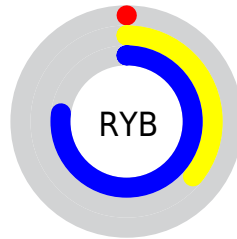
The Hex color **00ABC5** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **C51A00**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **64E3FE**, and **00768F** is the 20% darker color. If you saturate the color by 10%, you get **00ABC5**, and if you desaturate by 10%, it is **14AEC5**.

Distribution



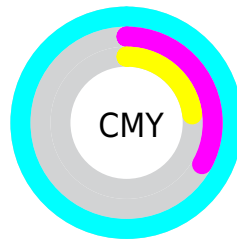
- Red (0%)
- Green (67%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ABC5 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 00ABC5 by changing the saturation by 10% instead.

 00ABC5

 00ABC5

FFFFFF

 0090AA

 64E3FE

 00768F

 85FFFF

 005D75

 A4FFFF

 00455D

 C3FFFF

 002E45

 E1FFFF

 001A2F

 00011A

 000000

 00ABC5

 14AEC5

 27B0C5

 3BB3C5

 4FB5C5

 63B8C5

 76BBC5

 8ABDC5

 9EC0C5

 B1C2C5

Harmonies

Analogous

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



28ADA7



00ABC5



47A5D8

Triad

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



00ABC5



CE85B2



A59E5C

Complementary

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



00ABC5



C51A00

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.



C2935F



00ABC5



DA8391

Square

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



00ABC5



AF8FCD



D68873



82A66A

Rectangle

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



00ABC5



6E9FDC



D68873



B09A5B

Sweetspot

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



00ABC5



B3F5FF



00C517



527980



000000



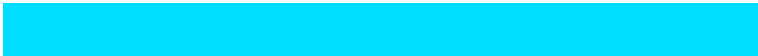
808080

Same Dimension

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



00ABC5



00DDFF



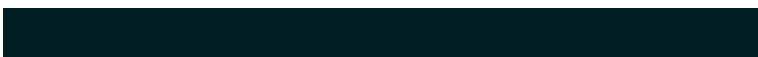
004CC5



5A6263



008EA3



001F24

Inverse Universe

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



C500AB



FF00DD



C57900



635A62



A3008E



24001F

Previews

White Background



This preview shows how the Hex color 00ABC5 looks on a white background.

Color Contrast Check

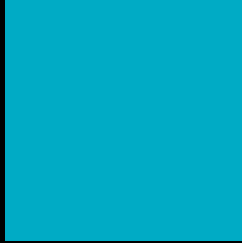
Large Text (above 18pt) WCAG AA × Fail

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 00ABC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

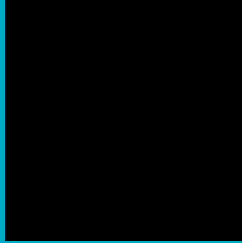
Any Text WCAG AA ✓ Pass

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 00ABC5 Background



This preview shows how black text looks on a background with the Hex color 00ABC5.

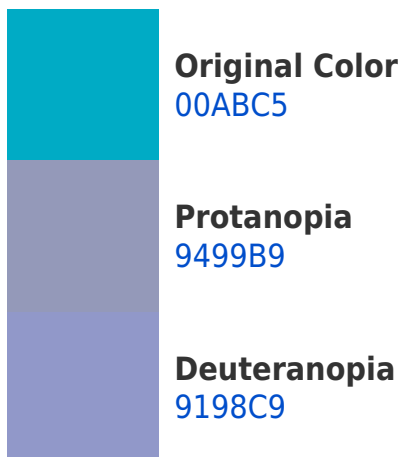


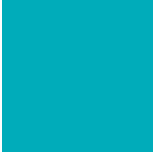
This preview shows how white text looks on a background with the Hex color 00ABC5.

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

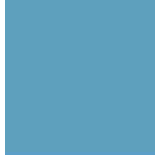




Trichromacy



Original Color
00ABC5



Protanomaly
5EA0BD



Deuteranomaly
5C9FC8



Tritanomaly
00ACBE

Monochromacy



Original Color
00ABC5



Achromatopsia
7B7B7B



Achromatomaly
4E8C96

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ABC5 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 #00ABC5 looks like.

```
.text, #text, p{  
    color:#00ABC5  
}
```

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 #00ABC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ABC5
}
```

Border

The CSS property to change the border of an element to Hex 00ABC5 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
#00ABC5 }
```

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

```
.border{ border-color:#00ABC5 }
```

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

Here you see how a box with a 4 pixel #00ABC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ABC5; -webkit-box-shadow:4px 4px  
4px 4px #00ABC5; box-shadow:4px 4px 4px  
4px #00ABC5 }
```

Background

The CSS property to change the background color of an element to Hex 00ABC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ABC5 }
```

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

```
.background{ background-color:#00ABC5 }
```

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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