

Converting Colors

Hex(0081AB)

Have a look what the booklet for
Hex(0081AB) contains.

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Color

Hex(0081AB)

Conversions

Conversions Part 1

Format	Color
Hex	0081AB
RGB	0, 129, 171
RGB Percent	0%, 51%, 67%
CMY	1.0000, 0.4941, 0.3294
CMYK	1.00, 0.25, 0.00, 0.33
HSL	195°, 100%, 34%
HSV	195°, 100%, 67%
XYZ	15.2009, 18.6408, 41.3249
YIQ	95.2170, -90.3660, -14.2860

Conversions

Conversions Part 2

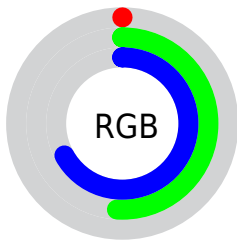
Format	Color
RYB	0, 74, 171
Decimal	33195
CIELab	50.26, -14.22, -30.56
CIELCh	50, 33.702, 245.045
Yxy	18.6408, 0.2022, 0.2480
Android (android.graphics.Color)	4278223275 (0xFF0081AB)
YUV	95.2170, 37.3610, -83.5053
Hunter-Lab	43.1750, -12.7104, -26.5269

Details

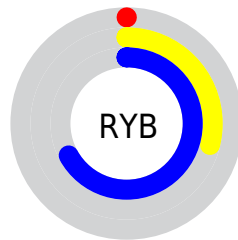
The Hex color **0081AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2A00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB6E3**, and **005077** is the 20% darker color. If you saturate the color by 10%, you get **0081AB**, and if you desaturate by 10%, it is **1185AB**.

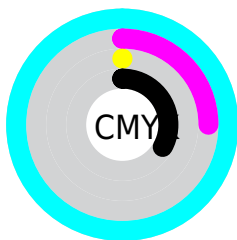
Distribution



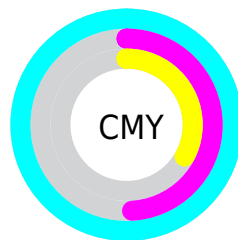
- Red (0%)
- Green (51%)
- Blue (67%)



- Red (0%)
- Yellow (29%)
- Blue (67%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081AB 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 0081AB by changing the saturation by 10% instead.

 0081AB

 0081AB

FFFFFF

 006890

 5BB6E3

 005077

 79D1FF

 00395E

 97EEFF

 002346

 B5FFFF

 00062F


 D3FFFF

 00011A

 F1FFFF

 000000

 0081AB

 1185AB

 2289AB

 338EAB

 4492AB

 5596AB

 679AAB

 789EAB

 89A3AB

 9AA7AB

Harmonies

Analogous

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



008698



0081AB



5379B0

Triad

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



0081AB



AE6074



678047

Complementary

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



0081AB



AB2A00

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.



85783D



0081AB



AC6458

Square

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



0081AB



9F6490



9D6D44



42855E

Rectangle

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



0081AB



7372AC



9D6D44



717D42

Sweetspot

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



0081AB



9BCEDE



00AB28



486670



F0F0F0



707070

Same Dimension

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



0081AB



00A7DE



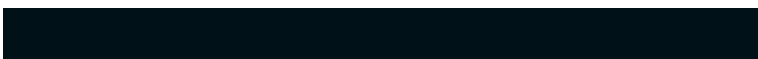
002EAB



4E5557



007196



001117

Inverse Universe

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



AB0081



DE00A7



AB7D00



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 0081AB looks on a white background.

Color Contrast Check

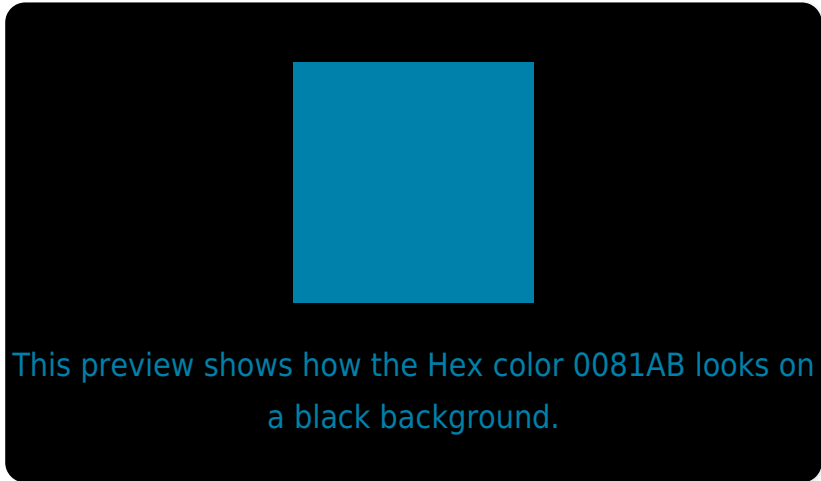
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

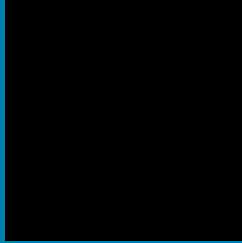
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0081AB Background



This preview shows how black text looks on a background with the Hex color 0081AB.

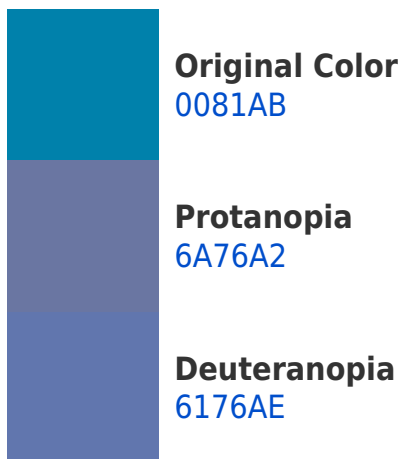


This preview shows how white text looks on a background with the Hex color 0081AB.

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
00858F

Trichromacy



Original Color
0081AB



Protanomaly
437AA5



Deuteranomaly
3E7AAD



Tritanomaly
008499

Monochromacy



Original Color
0081AB



Achromatopsia
5F5F5F



Achromatomaly
3C6B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0081AB 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 #0081AB looks like.

```
.text, #text, p{  
    color:#0081AB  
}
```

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 #0081AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081AB
}
```

Border

The CSS property to change the border of an element to Hex 0081AB 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
#0081AB }
```

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

```
.border{ border-color:#0081AB }
```

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

Here you see how a box with a 4 pixel #0081AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081AB; -webkit-box-shadow:4px 4px  
4px 4px #0081AB; box-shadow:4px 4px 4px  
4px #0081AB }
```

Background

The CSS property to change the background color of an element to Hex 0081AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081AB }
```

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

```
.background{ background-color:#0081AB }
```

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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