

Converting Colors

Hex(0081AC)

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

Hex(0081AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0081AC)

Conversions

Conversions Part 1

Format	Color
Hex	0081AC
RGB	0, 129, 172
RGB Percent	0%, 51%, 67%
CMY	1.0000, 0.4941, 0.3255
CMYK	1.00, 0.25, 0.00, 0.33
HSL	195°, 100%, 34%
HSV	195°, 100%, 67%
XYZ	15.2967, 18.6791, 41.8289
YIQ	95.3310, -90.6870, -13.9750

Conversions

Conversions Part 2

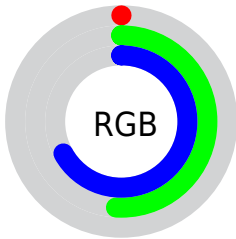
Format	Color
RYB	0, 74, 172
Decimal	33196
CIELab	50.31, -13.85, -31.06
CIELCh	50, 34.010, 245.976
Yxy	18.6791, 0.2018, 0.2464
Android (android.graphics.Color)	4278223276 (0xFF0081AC)
YUV	95.3310, 37.7978, -83.6053
Hunter-Lab	43.2193, -12.4571, -27.1291

Details

The Hex color **0081AC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AC2B00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB6E4**, and **005077** is the 20% darker color. If you saturate the color by 10%, you get **0081AC**, and if you desaturate by 10%, it is **1185AC**.

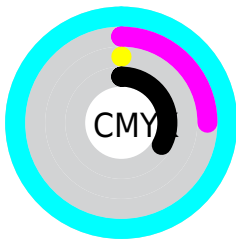
Distribution



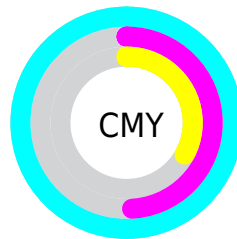
- Red (0%)
- Green (51%)
- Blue (67%)



- 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 0081AC 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 0081AC by changing the saturation by 10% instead.

 0081AC

 0081AC

FFFFFF

 006891

 5BB6E4

 005077

 79D1FF

 00395F

 97EEFF

 002347

 B5FFFF

 000630


 D3FFFF

 00011A

 F1FFFF

 000000

 0081AC

 1185AC

■ 228AAC

■ 348EAC

■ 4592AC

■ 5697AC

■ 679BAC

■ 789FAC

■ 8AA3AC

■ 9BA8AC

Harmonies

Analogous

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



008699



0081AC



5479B1

Triad

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



0081AC



AE6073



658048

Complementary

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



0081AC



AC2B00

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.



84783D



0081AC



AC6457

Square

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



0081AC



A16490



9D6E43



40855F

Rectangle

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



0081AC



7572AC



9D6E43



707E42

Sweetspot

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



0081AC



9DD0E0



00AC2B



486670



F0F0F0



707070

Same Dimension

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



0081AC



00A8E0



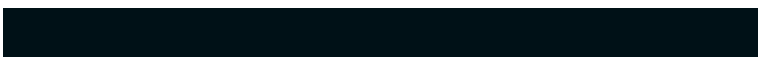
002BAC



4E5557



007196



001117

Inverse Universe

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



AC0081



E000A8



AC8100



574E55



960071



170011

Previews

White Background



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

Color Contrast Check

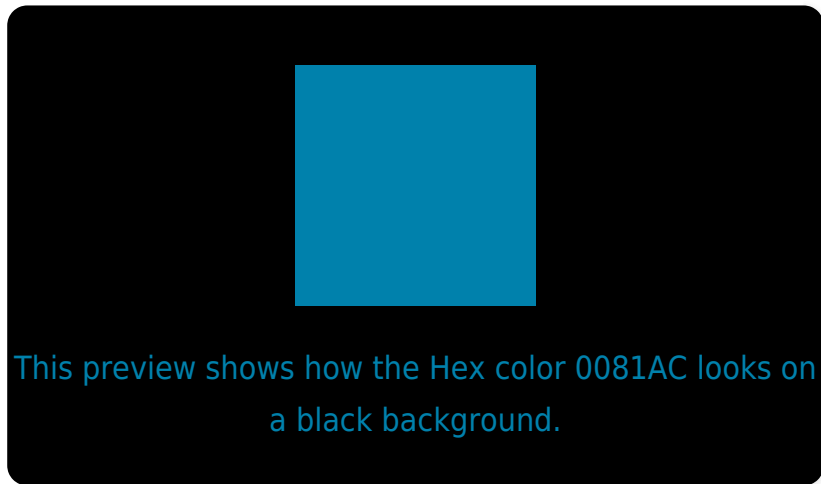
Large Text (above 18pt) WCAG AA ✓ Pass

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

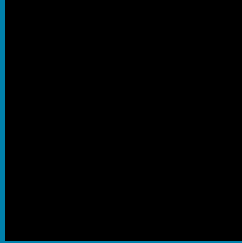
Any Text WCAG AA ✓ Pass

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 0081AC Background



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

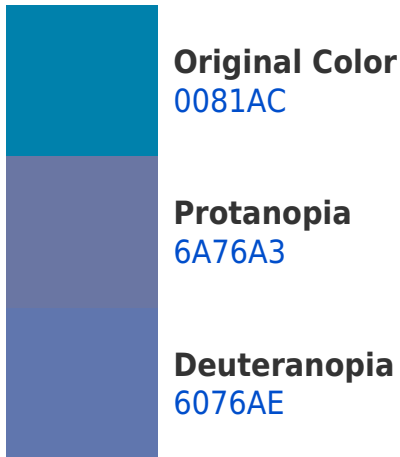


This preview shows how white text looks on a background with the Hex color 0081AC.

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](#).

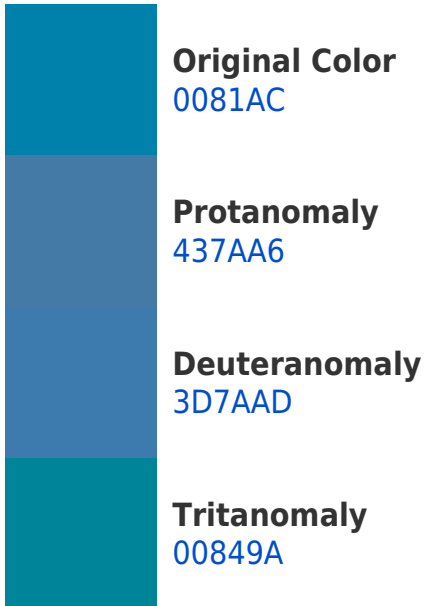
Dichromacy



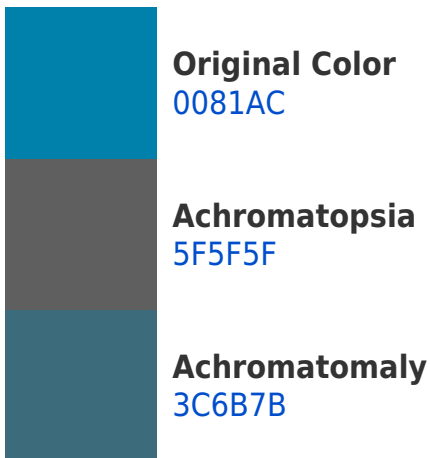


Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0081AC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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