

Converting Colors

Hex(0081A0)

Have a look what the booklet for
Hex(0081A0) contains.

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Color

Hex(0081A0)

Conversions

Conversions Part 1

Format	Color
Hex	0081A0
RGB	0, 129, 160
RGB Percent	0%, 51%, 63%
CMY	1.0000, 0.4941, 0.3725
CMYK	1.00, 0.19, 0.00, 0.37
HSL	192°, 100%, 31%
HSV	192°, 100%, 63%
XYZ	14.1954, 18.2386, 36.0299
YIQ	93.9630, -86.8350, -17.7070

Conversions

Conversions Part 2

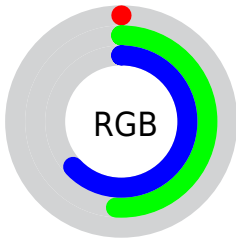
Format	Color
RYB	0, 71, 160
Decimal	33184
CIELab	49.78, -18.27, -24.91
CIELCh	50, 30.895, 233.744
Yxy	18.2386, 0.2073, 0.2664
Android (android.graphics.Color)	4278223264 (0xFF0081A0)
YUV	93.9630, 32.5562, -82.4056
Hunter-Lab	42.7066, -15.4044, -20.1260

Details

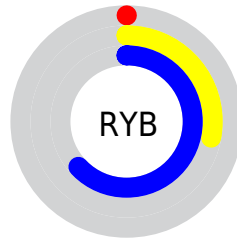
The Hex color **0081A0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A01F00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **58B6D7**, and **00506C** is the 20% darker color. If you saturate the color by 10%, you get **0081A0**, and if you desaturate by 10%, it is **1084A0**.

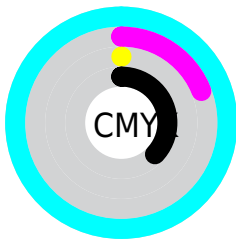
Distribution



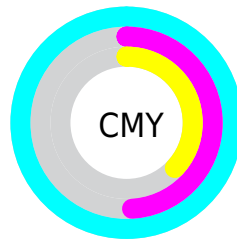
- Red (0%)
- Green (51%)
- Blue (63%)



- Red (0%)
- Yellow (28%)
- Blue (63%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081A0 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 0081A0 by changing the saturation by 10% instead.

 0081A0

 0081A0

FFFFFF

 006886

 58B6D7

 00506C

 76D2F3

 003854

 94EEFF

 00233D

 B1FFFF

 000327

 CFFFFFF

 000111

 EDFFFF

 000000

 0081A0

 1084A0

■ 2087A0

■ 308AA0

■ 408DA0

■ 5090A0

■ 6094A0

■ 7097A0

■ 809AA0

■ 909DA0

Harmonies

Analogous

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



00848B



0081A0



447BAA

Triad

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



0081A0



A5627D



727B45

Complementary

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



0081A0



A01F00

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.



8C7342



0081A0



A96363

Square

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



0081A0



926896



A06A4D



538156

Rectangle

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



0081A0



6375A9



A06A4D



7B7942

Sweetspot

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



0081A0



92C5D1



00A01D



436169



E8E8E8



696969

Same Dimension

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



0081A0



00A9D1



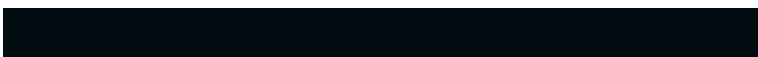
0033A0



474E4F



00738F



000C0F

Inverse Universe

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



A00081



D100A9



A06D00



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 0081A0 looks on a white background.

Color Contrast Check

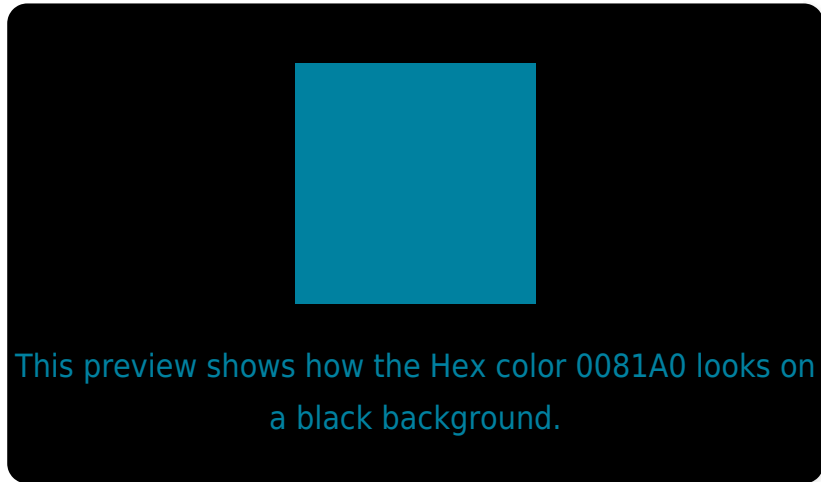
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

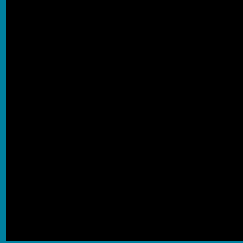
Any Text WCAG AA ✓ Pass

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 0081A0 Background



This preview shows how black text looks on a background with the Hex color 0081A0.



This preview shows how white text looks on a background with the Hex color 0081A0.

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
00838D

Trichromacy



Original Color
0081A0

Protanomaly
45799A

Deuteranomaly
4279A2

Tritanomaly
008294

Monochromacy



Original Color
0081A0

Achromatopsia
5E5E5E

Achromatomaly
3C6B76

CSS Examples

Text

The CSS property to change the color of the text to Hex 0081A0 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 #0081A0 looks like.

```
.text, #text, p{  
    color:#0081A0  
}
```

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 #0081A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081A0
}
```

Border

The CSS property to change the border of an element to Hex 0081A0 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
#0081A0 }
```

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

```
.border{ border-color:#0081A0 }
```

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

Here you see how a box with a 4 pixel #0081A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081A0; -webkit-box-shadow:4px 4px  
4px 4px #0081A0; box-shadow:4px 4px 4px  
4px #0081A0 }
```

Background

The CSS property to change the background color of an element to Hex 0081A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081A0 }
```

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

```
.background{ background-color:#0081A0 }
```

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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