

Converting Colors

Hex(0081A6)

Have a look what the booklet for
Hex(0081A6) contains.

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Color

Hex(0081A6)

Conversions

Conversions Part 1

Format	Color
Hex	0081A6
RGB	0, 129, 166
RGB Percent	0%, 51%, 65%
CMY	1.0000, 0.4941, 0.3490
CMYK	1.00, 0.22, 0.00, 0.35
HSL	193°, 100%, 33%
HSV	193°, 100%, 65%
XYZ	14.7332, 18.4537, 38.8618
YIQ	94.6470, -88.7610, -15.8410

Conversions

Conversions Part 2

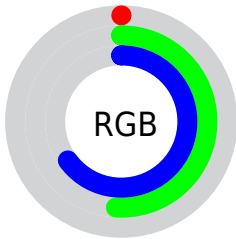
Format	Color
RYB	0, 73, 166
Decimal	33190
CIELab	50.04, -16.07, -28.00
CIELCh	50, 32.288, 240.145
Yxy	18.4537, 0.2045, 0.2561
Android (android.graphics.Color)	4278223270 (0xFF0081A6)
YUV	94.6470, 35.1770, -83.0054
Hunter-Lab	42.9578, -13.9561, -23.5663

Details

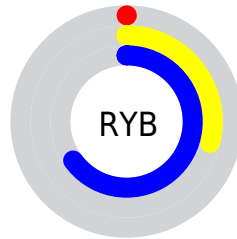
The Hex color **0081A6** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A62500**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **59B6DD**, and **005072** is the 20% darker color. If you saturate the color by 10%, you get **0081A6**, and if you desaturate by 10%, it is **1185A6**.

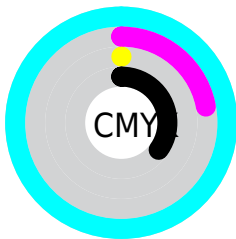
Distribution



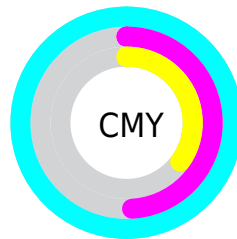
- Red (0%)
- Green (51%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081A6 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 0081A6 by changing the saturation by 10% instead.

0081A6

0081A6

FFFFFF

00688C

59B6DD

005072

78D2FA

003959

96EEFF

002342

B3FFFF

00032C

D1FFFF

000116

EFFFFF

000000

0081A6

1185A6

 2188A6

 328CA6

 4290A6

 5393A6

 6497A6

 749BA6

 859FA6

 95A2A6

Harmonies

Analogous

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



008592



0081A6



4D7AAE

Triad

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



0081A6



AA6178



6C7E46

Complementary

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



0081A6



A62500

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.



88753F



0081A6



AB645D

Square

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



0081A6



996693



9E6C48



4B835B

Rectangle

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



0081A6



6C73AA



9E6C48



767B42

Sweetspot

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



0081A6



98CAD9



00A624



46656E



EDEDED



6E6E6E

Same Dimension

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



0081A6



00A8D9



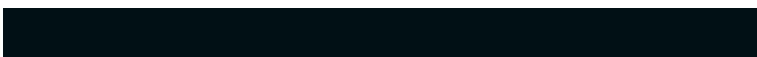
002FA6



4C5254



007394



001014

Inverse Universe

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



A60081



D900A8



A67700



544C52



940073



140010

Previews

White Background



This preview shows how the Hex color 0081A6 looks on a white background.

Color Contrast Check

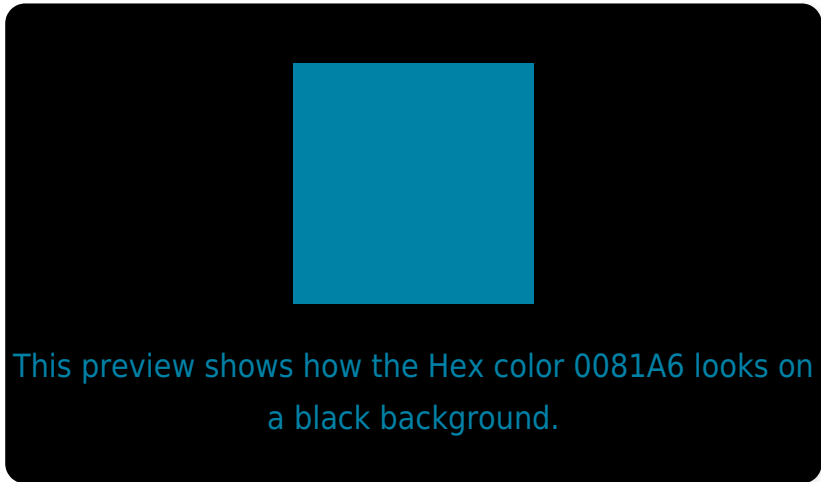
Large Text (above 18pt) WCAG AA ✓ Pass

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

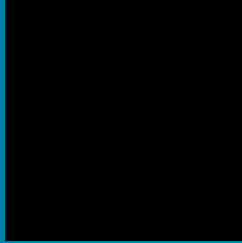
Any Text WCAG AA ✓ Pass

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 0081A6 Background



This preview shows how black text looks on a background with the Hex color 0081A6.

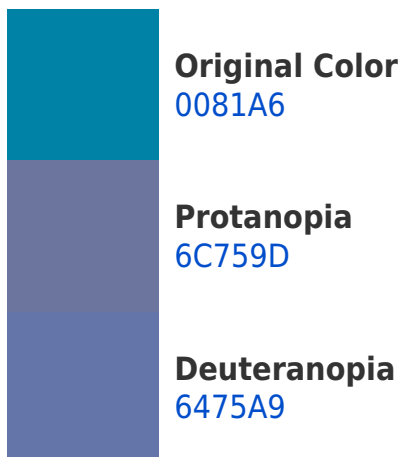


This preview shows how white text looks on a background with the Hex color 0081A6.

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
0081A6

Protanomaly
4579A0

Deuteranomaly
4079A8

Monochromacy



Original Color
0081A6

Achromatopsia
5F5F5F

Achromatomaly
3C6B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0081A6 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 #0081A6 looks like.

```
.text, #text, p{  
    color:#0081A6  
}
```

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 #0081A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081A6
}
```

Border

The CSS property to change the border of an element to Hex 0081A6 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
#0081A6 }
```

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

```
.border{ border-color:#0081A6 }
```

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

Here you see how a box with a 4 pixel #0081A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081A6; -webkit-box-shadow:4px 4px  
4px 4px #0081A6; box-shadow:4px 4px 4px  
4px #0081A6 }
```

Background

The CSS property to change the background color of an element to Hex 0081A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081A6 }
```

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

```
.background{ background-color:#0081A6 }
```

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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