

Converting Colors

Hex(0082A9)

Have a look what the booklet for
Hex(0082A9) contains.

Hex(0082A9)	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(0082A9)

Conversions

Conversions Part 1

Format	Color
Hex	0082A9
RGB	0, 130, 169
RGB Percent	0%, 51%, 66%
CMY	1.0000, 0.4902, 0.3373
CMYK	1.00, 0.23, 0.00, 0.34
HSL	194°, 100%, 33%
HSV	194°, 100%, 66%
XYZ	15.1441, 18.8298, 40.3725
YIQ	95.5760, -89.9990, -15.4310

Conversions

Conversions Part 2

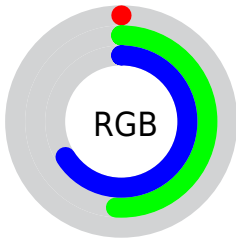
Format	Color
RYB	0, 73, 169
Decimal	33449
CIELab	50.49, -15.52, -29.05
CIELCh	50, 32.935, 241.885
Yxy	18.8298, 0.2037, 0.2533
Android (android.graphics.Color)	4278223529 (0xFF0082A9)
YUV	95.5760, 36.1980, -83.8202
Hunter-Lab	43.3934, -13.6428, -24.7871

Details

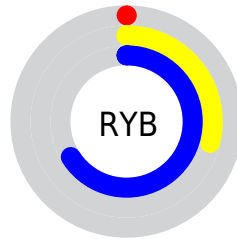
The Hex color **0082A9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A92700**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5AB7E0**, and **005175** is the 20% darker color. If you saturate the color by 10%, you get **0082A9**, and if you desaturate by 10%, it is **1186A9**.

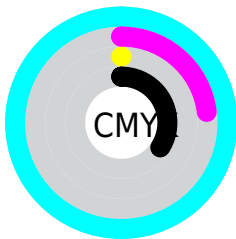
Distribution



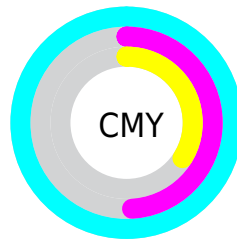
- Red (0%)
- Green (51%)
- Blue (66%)



- Red (0%)
- Yellow (29%)
- Blue (66%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082A9 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 0082A9 by changing the saturation by 10% instead.

 0082A9

 0082A9

FFFFFF

 00698E

 5AB7E0

 005175

 79D3FD

 003A5C

 97EFFF

 002444

 B4FFFF

 00072E


 D2FFFF

 000118

 F0FFFF

 000000

 0082A9

 1186A9

 228AA9

 338EA9

 4492A9

 5495A9

 6599A9

 769DA9

 87A1A9

 98A5A9

Harmonies

Analogous

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



008695



0082A9



4F7AB0

Triad

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



0082A9



AC6277



6B7F47

Complementary

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



0082A9



A92700

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.



88773F



0082A9



AC655C

Square

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



0082A9



9D6693



9F6D47



48855D

Rectangle

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



0082A9



7074AC



9F6D47



757D43

Sweetspot

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



0082A9



9ACCDB



00A925



46656E



EDEDED



6E6E6E

Same Dimension

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



0082A9



00A9DB



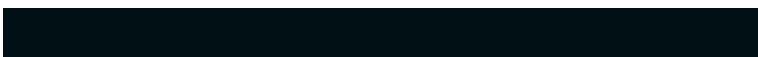
0030A9



4C5254



007294



001014

Inverse Universe

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



A90082



DB00A9



A97900



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color 0082A9 looks on a white background.

Color Contrast Check

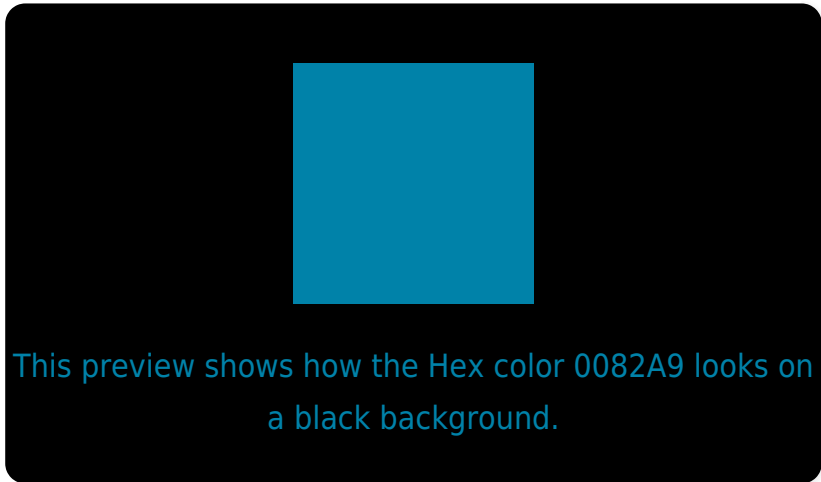
Large Text (above 18pt) WCAG AA ✓ Pass

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

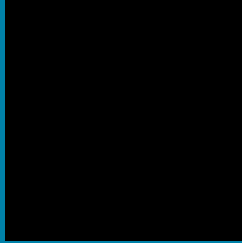
Any Text WCAG AA ✓ Pass

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 0082A9 Background



This preview shows how black text looks on a background with the Hex color 0082A9.

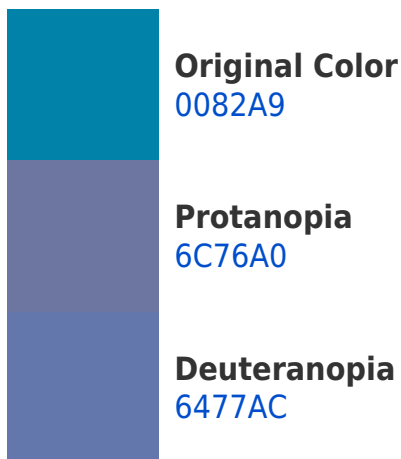


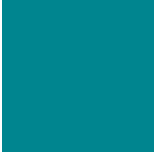
This preview shows how white text looks on a background with the Hex color 0082A9.

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
0082A9

Protanomaly
457AA3

Deuteranomaly
407BAB

Tritanomaly
008498

Monochromacy



Original Color
0082A9

Achromatopsia
606060

Achromatomaly
3D6C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0082A9 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 #0082A9 looks like.

```
.text, #text, p{  
    color:#0082A9  
}
```

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 #0082A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082A9
}
```

Border

The CSS property to change the border of an element to Hex 0082A9 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
#0082A9 }
```

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

```
.border{ border-color:#0082A9 }
```

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

Here you see how a box with a 4 pixel #0082A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082A9; -webkit-box-shadow:4px 4px  
4px 4px #0082A9; box-shadow:4px 4px 4px  
4px #0082A9 }
```

Background

The CSS property to change the background color of an element to Hex 0082A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082A9 }
```

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

```
.background{ background-color:#0082A9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor