

# Converting Colors

Hex(0082AA)

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

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# Color

**Hex(0082AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0082AA
RGB	0, 130, 170
RGB Percent	0%, 51%, 67%
CMY	1.0000, 0.4902, 0.3333
CMYK	1.00, 0.24, 0.00, 0.33
HSL	194°, 100%, 33%
HSV	194°, 100%, 67%
XYZ	15.2383, 18.8675, 40.8689
YIQ	95.6900, -90.3200, -15.1200

# Conversions

## Conversions Part 2

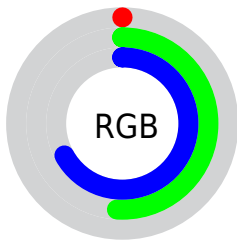
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 170
Decimal	33450
CIELab	50.53, -15.15, -29.56
CIELCh	51, 33.216, 242.863
Yxy	18.8675, 0.2032, 0.2517
Android (android.graphics.Color)	4278223530 (0xFF0082AA)
YUV	95.6900, 36.6348, -83.9201
Hunter-Lab	43.4368, -13.3937, -25.3791

# Details

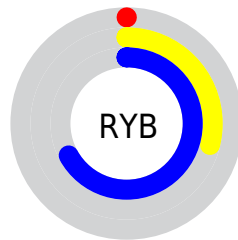
The Hex color **0082AA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AA2800**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5AB7E1**, and **005176** is the 20% darker color. If you saturate the color by 10%, you get **0082AA**, and if you desaturate by 10%, it is **1186AA**.

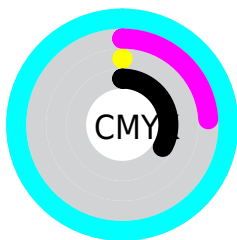
# Distribution



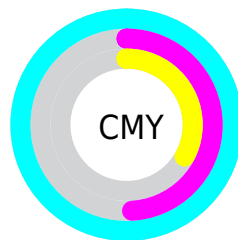
- Red (0%)
- Green (51%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



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

# Brightness & Saturation Gradients

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



 0082AA

 0082AA

FFFFFF

 00698F

 5AB7E1

 005176

 79D3FE

 003A5D

 97EFFF

 002445

 B5FFFF

 00072F

 D2FFFF

 000119

 F0FFFF

 000000

 0082AA

 1186AA

■ 228AAA

■ 338EAA

■ 4492AA

■ 5596AA

■ 669AAA

■ 779EAA

■ 88A2AA

■ 99A6AA

# Harmonies

## Analogous

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



008696



0082AA



517AB1

# Triad

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



0082AA



AD6177



6A8047

# Complementary

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



0082AA



AA2800

# 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.



88783F



0082AA



AD655B

# Square

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



0082AA



9E6693



9F6E46



47855D

# Rectangle

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



0082AA



7173AC



9F6E46



747D43



# Sweetspot

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



0082AA



9BCEDE



00AA28



486770



F0F0F0



707070



# Same Dimension

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



0082AA



00AADE



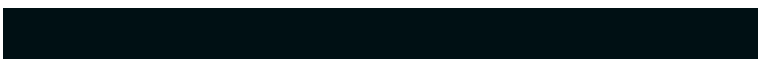
002DAA



4C5254



007194



001014



# Inverse Universe

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



AA0082



DE00AA



AA7D00



544C52



940071



140010



# Previews

## White Background



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

## Color Contrast Check

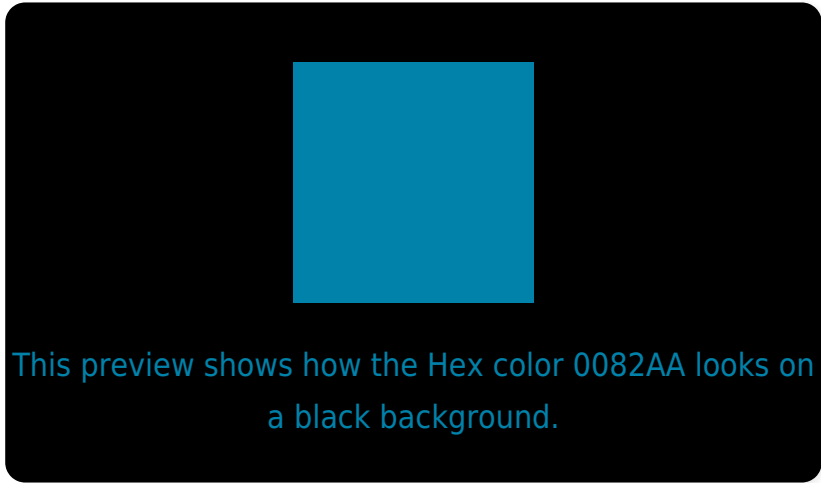
Large Text (above 18pt) WCAG AA ✓ Pass

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

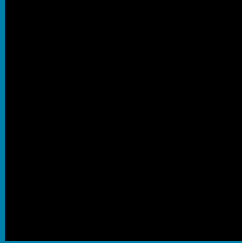
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0082AA Background



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

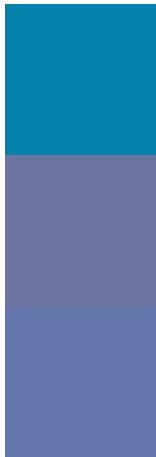


This preview shows how white text looks on a background with the Hex color 0082AA.

# 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



**Original Color**  
0082AA

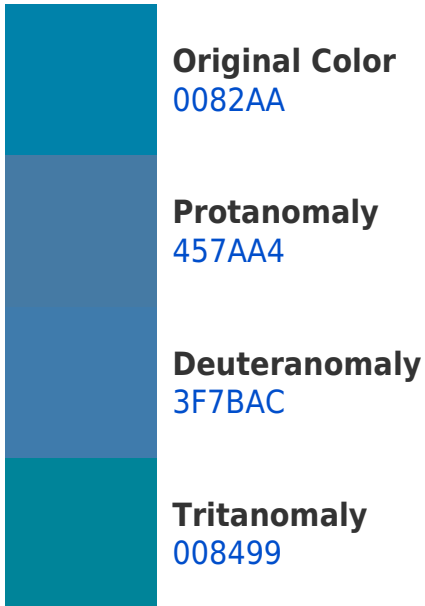
**Protanopia**  
6C76A1

**Deuteranopia**  
6377AD



**Tritanopia**  
00858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #0082AA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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