

# Converting Colors

Hex(057DAA)

Have a look what the booklet for  
Hex(057DAA) contains.

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# Color

**Hex(057DAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	057DAA
RGB	5, 125, 170
RGB Percent	2%, 49%, 67%
CMY	0.9804, 0.5098, 0.3333
CMYK	0.97, 0.26, 0.00, 0.33
HSL	196°, 94%, 34%
HSV	196°, 97%, 67%
XYZ	14.6519, 17.6018, 40.6555
YIQ	94.2500, -85.9650, -11.4450

# Conversions

## Conversions Part 2

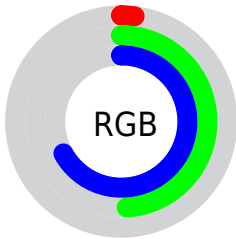
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 74, 170</a>
Decimal	<a href="#">359850</a>
CIELab	<a href="#">49.01, -12.12, -31.93</a>
CIElCh	<a href="#">49, 34.155, 249.218</a>
Yxy	<a href="#">17.6018, 0.2010, 0.2414</a>
Android (android.graphics.Color)	<a href="#">4278549930 (0xFF057DAA)</a>
YUV	<a href="#">94.2500, 37.3447, -78.2722</a>
Hunter-Lab	<a href="#">41.9545, -11.0822, -28.0861</a>

# Details

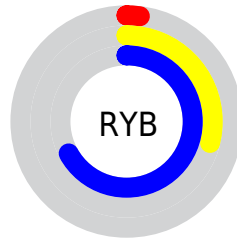
The Hex color **057DAA** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AA3205**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5BB2E2**, and **004C76** is the 20% darker color. If you saturate the color by 10%, you get **007CAA**, and if you desaturate by 10%, it is **1682AA**.

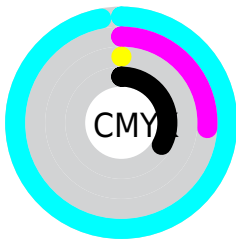
# Distribution



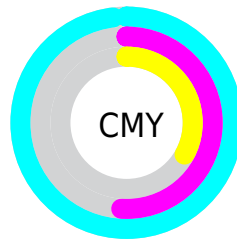
- Red (2%)
- Green (49%)
- Blue (67%)



- Red (2%)
- Yellow (29%)
- Blue (67%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (51%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 057DAA 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 057DAA by changing the saturation by 10% instead.



057DAA

057DAA

FFFFFF

00648F

5BB2E2

004C76

7ACDFE

00365D

97E9FF

002145

B5FFFF

00042E

D3FFFF

000119

F1FFFF

000000

057DAA

057DAA

007CAA

1682AA

■ 2786AA

■ 388BAA

■ 4990AA

■ 5A94AA

■ 6B99AA

■ 7C9DAA

■ 8DA2AA

■ 9EA7AA

# Harmonies

## Analogous

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



008298



057DAA



5674AD

# Triad

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



057DAA



AB5D6D



5E7D46

# Complementary

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



057DAA



AA3205

# 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.



7E763A



057DAA



A86251

# Square

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



057DAA



9F608A



976C3E



37825F

# Rectangle

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



057DAA



766DA7



976C3E



697B40



# Sweetspot

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



057DAA



9ECCDE



05AA31



496570



F0F0F0



707070



# Same Dimension

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



057DAA



00A1DE



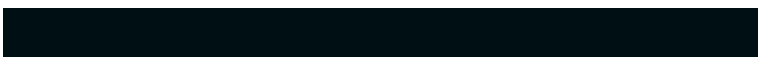
052CAA



4C5254



006C94



000F14



# Inverse Universe

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



AA057D



DE00A1



AA8305



544C52



94006C



14000F



# Previews

## White Background



This preview shows how the Hex color 057DAA looks on a white background.

## Color Contrast Check

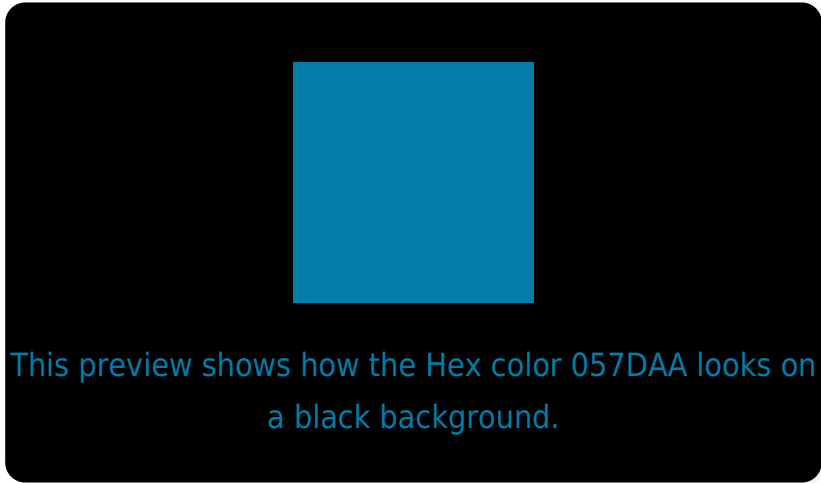
Large Text (above 18pt) WCAG AA ✓ Pass

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

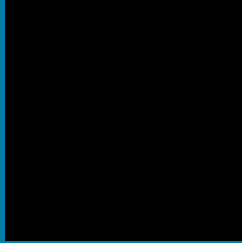
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 057DAA Background



This preview shows how black text looks on a background with the Hex color 057DAA.

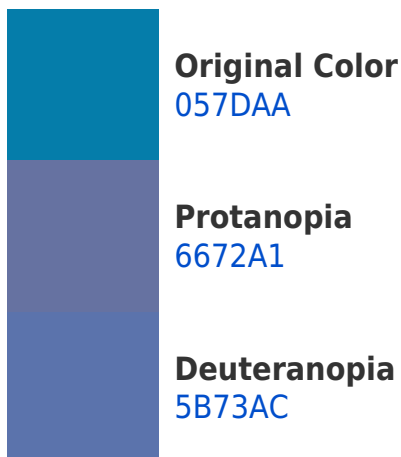


This preview shows how white text looks on a background with the Hex color 057DAA.

# 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**  
00818B

# Trichromacy



**Original Color**  
057DAA



**Protanomaly**  
4376A4



**Deuteranomaly**  
3C77AB



**Tritanomaly**  
028096

# Monochromacy



**Original Color**  
057DAA



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3E697A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 057DAA 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 #057DAA looks like.

```
.text, #text, p{  
    color:#057DAA  
}
```

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 #057DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057DAA
}
```

## Border

The CSS property to change the border of an element to Hex 057DAA 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
#057DAA }
```

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

```
.border{ border-color:#057DAA }
```

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

Here you see how a box with a 4 pixel #057DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057DAA; -webkit-box-shadow:4px 4px  
4px 4px #057DAA; box-shadow:4px 4px 4px  
4px #057DAA }
```

# Background

The CSS property to change the background color of an element to Hex 057DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057DAA }
```

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

```
.background{ background-color:#057DAA }
```

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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