

# Converting Colors

Hex(0869A4)

Have a look what the booklet for  
Hex(0869A4) contains.

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# Color

Hex(0869A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	0869A4
RGB	8, 105, 164
RGB Percent	3%, 41%, 64%
CMY	0.9686, 0.5882, 0.3569
CMYK	0.95, 0.36, 0.00, 0.36
HSL	203°, 91%, 34%
HSV	203°, 95%, 64%
XYZ	11.8526, 12.8351, 36.9747
YIQ	82.7230, -76.7510, -2.2150

# Conversions

## Conversions Part 2

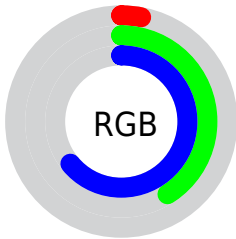
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 68, 164
Decimal	551332
CIELab	42.51, -2.41, -38.65
CIELCh	43, 38.723, 266.427
Yxy	12.8351, 0.1922, 0.2082
Android (android.graphics.Color)	4278741412 (0xFF0869A4)
YUV	82.7230, 40.0696, -65.5321
Hunter-Lab	35.8261, -3.6416, -36.1125

# Details

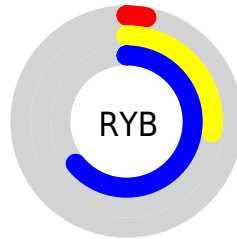
The Hex color **0869A4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A44308**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **599CDB**, and **003A70** is the 20% darker color. If you saturate the color by 10%, you get **0066A4**, and if you desaturate by 10%, it is **186FA4**.

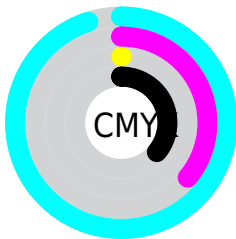
# Distribution



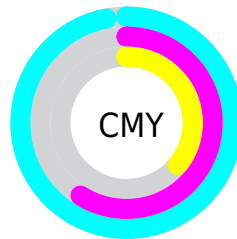
- Red (3%)
- Green (41%)
- Blue (64%)



- Red (3%)
- Yellow (27%)
- Blue (64%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0869A4 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 0869A4 by changing the saturation by 10% instead.



0869A4

0869A4

FFFFFF

005189

599CDB

003A70

77B7F8

002557

94D2FF

00103F

B2EEFF

000329

CFFFFFF

000113

EDFFFF

000000

0869A4

0869A4

0066A4

186FA4

■ 2975A4

■ 397CA4

■ 4A82A4

■ 5A88A4

■ 6A8EA4

■ 7B94A4

■ 8B9BA4

■ 9CA1A4

# Harmonies

## Analogous

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



007099



0869A4



5F5E9E

# Triad

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



0869A4



9F4B4A



317140

# Complementary

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



0869A4



A44308

# 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.



5A6B28



0869A4



92552F

# Square

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



0869A4



9C486A



7A6121



00745F

# Rectangle

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



0869A4



7D5591



7A6121



416F36



# Sweetspot

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



0869A4



98BFD6



08A441



465D6B



EBEBEB



6B6B6B



# Same Dimension

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



0869A4



0085D6



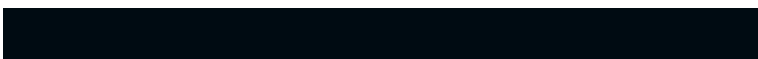
081DA4



494F52



005A91



000B12



# Inverse Universe

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



A40869



D60085



A48F08



52494F



91005A



12000B



# Previews

## White Background



This preview shows how the Hex color 0869A4 looks on a white background.

## Color Contrast Check

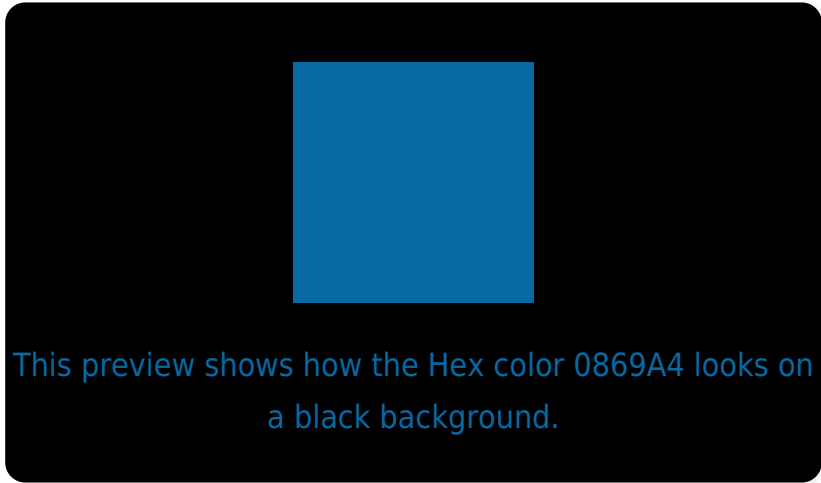
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

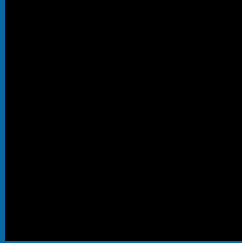
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0869A4 Background



This preview shows how black text looks on a background with the Hex color 0869A4.



This preview shows how white text looks on a background with the Hex color 0869A4.

# 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](#).

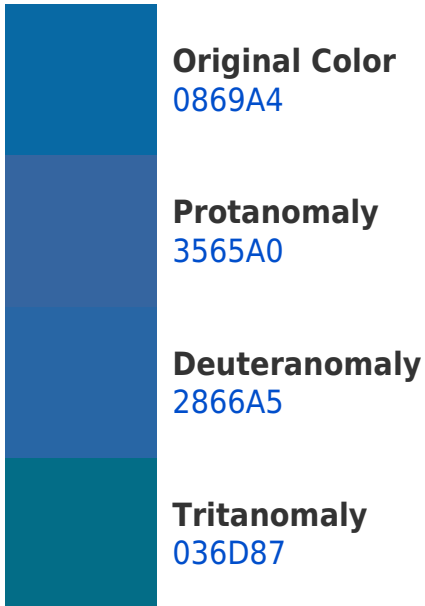
## Dichromacy





**Tritanopia**  
006F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0869A4 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 #0869A4 looks like.

```
.text, #text, p{  
    color:#0869A4  
}
```

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 #0869A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0869A4
}
```

## Border

The CSS property to change the border of an element to Hex 0869A4 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
#0869A4 }
```

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

```
.border{ border-color:#0869A4 }
```

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

Here you see how a box with a 4 pixel #0869A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0869A4; -webkit-box-shadow:4px 4px  
4px 4px #0869A4; box-shadow:4px 4px 4px  
4px #0869A4 }
```

# Background

The CSS property to change the background color of an element to Hex 0869A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0869A4 }
```

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

```
.background{ background-color:#0869A4 }
```

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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