

# Converting Colors

Hex(0095C4)

Have a look what the booklet for  
Hex(0095C4) contains.

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# Color

Hex(0095C4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0095C4
RGB	0, 149, 196
RGB Percent	0%, 58%, 77%
CMY	1.0000, 0.4157, 0.2314
CMYK	1.00, 0.24, 0.00, 0.23
HSL	194°, 100%, 38%
HSV	194°, 100%, 77%
XYZ	20.7113, 25.4804, 56.0512
YIQ	109.8070, -103.8910, -16.9710

# Conversions

## Conversions Part 2

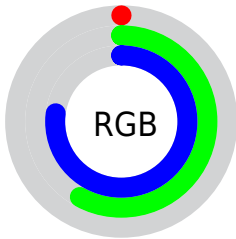
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 85, 196
Decimal	38340
CIELab	57.54, -16.11, -33.50
CIELCh	58, 37.166, 244.320
Yxy	25.4804, 0.2026, 0.2492
Android (android.graphics.Color)	4278228420 (0xFF0095C4)
YUV	109.8070, 42.4931, -96.3007
Hunter-Lab	50.4781, -15.0979, -30.5012

# Details

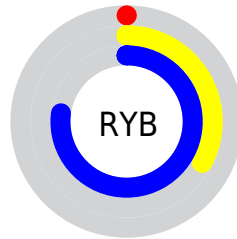
The Hex color **0095C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C42F00**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **62CBFD**, and **00628E** is the 20% darker color. If you saturate the color by 10%, you get **0095C4**, and if you desaturate by 10%, it is **149AC4**.

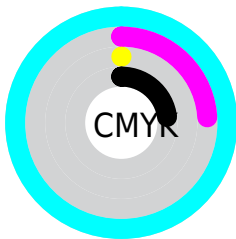
# Distribution



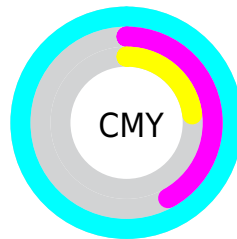
- Red (0%)
- Green (58%)
- Blue (77%)



- Red (0%)
- Yellow (33%)
- Blue (77%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (42%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0095C4 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 0095C4 by changing the saturation by 10% instead.



 0095C4

 0095C4

FFFFFF

 007BA9

 62CBFD

 00628E

 82E7FF

 004A74

 A0FFFF

 00345B

 BFFFFFF

 002044

 DDDFFF

 00032D

 FFFFFFF

 000118

 000000

 0095C4

 149AC4

 279EC4

 3BA3C4

 4EA8C4

 62ADC4

 76B1C4

 89B6C4

 9DBBC4

 B0BFC4

# Harmonies

## Analogous

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



009AAE



0095C4



5F8CCB

# Triad

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



0095C4



C77087



789353

# Complementary

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



0095C4



C42F00

# 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.



9A8A48



0095C4



C67467

# Square

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



0095C4



B775A7



B57E50



4F996D

# Rectangle

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



0095C4



8484C5



B57E50



84904D

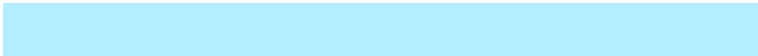


# Sweetspot

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



0095C4



B3EDFF



00C42E



527480



000000



808080

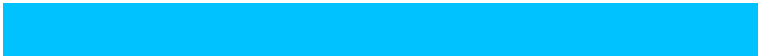


# Same Dimension

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



0095C4



00C2FF



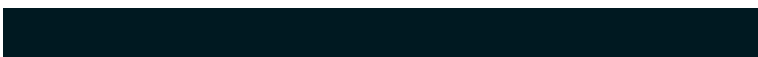
0034C4



575F61



007AA1



001921



# Inverse Universe

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



C40095



FF00C2



C49000



61575F



A1007A



210019



# Previews

## White Background



This preview shows how the Hex color 0095C4 looks on a white background.

## Color Contrast Check

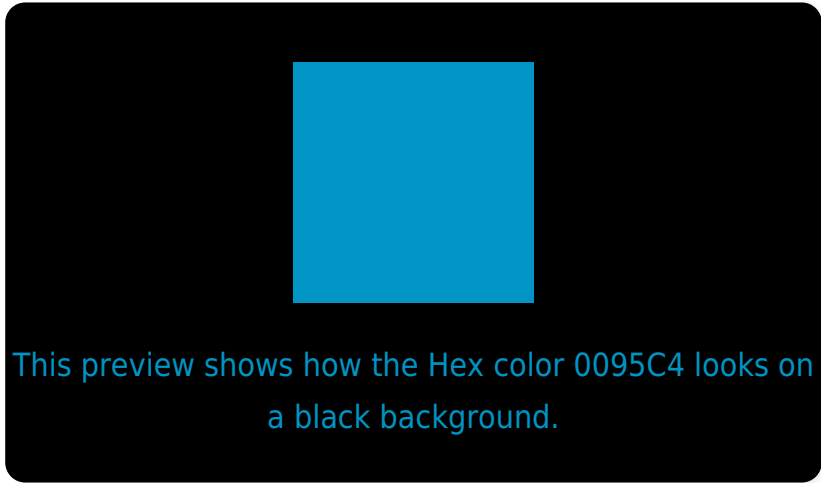
Large Text (above 18pt) WCAG AA ✓ Pass

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

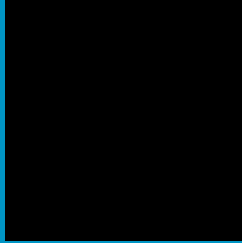
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0095C4 Background



This preview shows how black text looks on a background with the Hex color 0095C4.



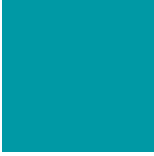
This preview shows how white text looks on a background with the Hex color 0095C4.

# 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](#).

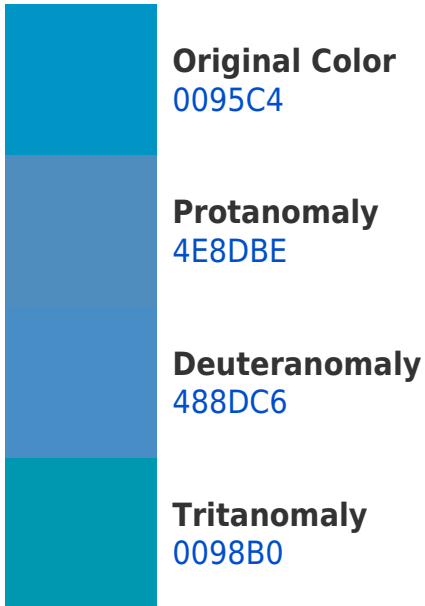
## Dichromacy





**Tritanopia**  
0099A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0095C4 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 #0095C4 looks like.

```
.text, #text, p{  
    color:#0095C4  
}
```

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 #0095C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095C4
}
```

## Border

The CSS property to change the border of an element to Hex 0095C4 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
#0095C4 }
```

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

```
.border{ border-color:#0095C4 }
```

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

Here you see how a box with a 4 pixel #0095C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095C4; -webkit-box-shadow:4px 4px  
4px 4px #0095C4; box-shadow:4px 4px 4px  
4px #0095C4 }
```

# Background

The CSS property to change the background color of an element to Hex 0095C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095C4 }
```

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

```
.background{ background-color:#0095C4 }
```

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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