

Converting Colors

Hex(0093C0)

Have a look what the booklet for
Hex(0093C0) contains.

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Color

Hex(0093C0)

Conversions

Conversions Part 1

Format	Color
Hex	0093C0
RGB	0, 147, 192
RGB Percent	0%, 58%, 75%
CMY	1.0000, 0.4235, 0.2471
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 38%
HSV	194°, 100%, 75%
XYZ	19.9481, 24.6732, 53.5802
YIQ	108.1770, -102.0570, -17.1690

Conversions

Conversions Part 2

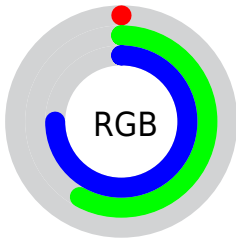
Format	Color
R _Y B	0, 83, 192
Decimal	37824
CIE Lab	56.76, -16.46, -32.46
CIE LCh	57, 36.395, 243.104
Yxy	24.6732, 0.2031, 0.2513
Android (android.graphics.Color)	4278227904 (0xFF0093C0)
YUV	108.1770, 41.3247, -94.8712
Hunter-Lab	49.6721, -15.2413, -29.1843

Details

The Hex color **0093C0** 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 **C02D00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61C9F9**, and **00608A** is the 20% darker color. If you saturate the color by 10%, you get **0093C0**, and if you desaturate by 10%, it is **1398C0**.

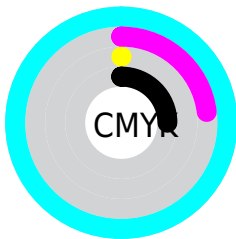
Distribution



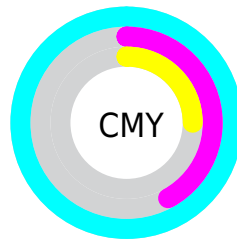
- Red (0%)
- Green (58%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0093C0 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 0093C0 by changing the saturation by 10% instead.

 0093C0

 0093C0

FFFFFF

 0079A5

 61C9F9

 00608A

 80E5FF

 004971

 9FFFFFFF

 003258

 BDFFFF

 001E40

 DCFFFF

 00032A

 FAFFFF

 000114

 000000

 0093C0

■ 1398C0

■ 269CC0

■ 3AA1C0

■ 4DA5C0

■ 60AAC0

■ 73AEC0

■ 86B3C0

■ 9AB7C0

■ ADBBC0

Harmonies

Analogous

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



0098AA



0093C0



5C8AC7

Triad

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



0093C0



C46F86



789052

Complementary

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



0093C0



C02D00

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.



998748



0093C0



C37267

Square

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



0093C0



B374A5



B37C50



50966A

Rectangle

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



0093C0



8083C2



B37C50



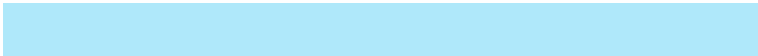
838E4C

Sweetspot

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



0093C0



AFE8FA



00C02D



50727D



FCFCFC



7D7D7D

Same Dimension

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



0093C0



00BFFA



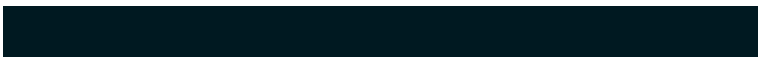
0033C0



575F61



007BA1



001921

Inverse Universe

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



C00093



FA00BF



C08D00



61575F



A1007B



210019

Previews

White Background



This preview shows how the Hex color 0093C0 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



This preview shows how the Hex color 0093C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

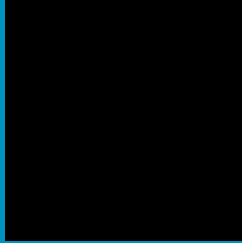
Any Text WCAG AA ✓ Pass

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 0093C0 Background



This preview shows how black text looks on a background with the Hex color 0093C0.



This preview shows how white text looks on a background with the Hex color 0093C0.

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](#).

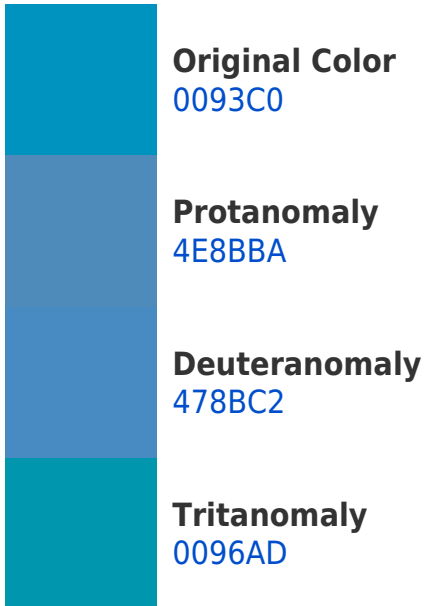
Dichromacy



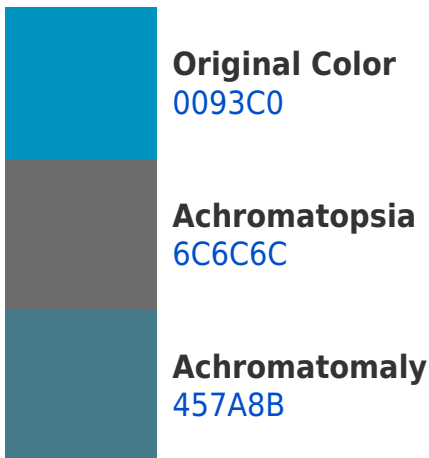


Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0093C0 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 #0093C0 looks like.

```
.text, #text, p{  
    color:#0093C0  
}
```

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 #0093C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093C0
}
```

Border

The CSS property to change the border of an element to Hex 0093C0 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
#0093C0 }
```

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

```
.border{ border-color:#0093C0 }
```

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

Here you see how a box with a 4 pixel #0093C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093C0; -webkit-box-shadow:4px 4px  
4px 4px #0093C0; box-shadow:4px 4px 4px  
4px #0093C0 }
```

Background

The CSS property to change the background color of an element to Hex 0093C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093C0 }
```

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

```
.background{ background-color:#0093C0 }
```

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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