

Converting Colors

Hex(0093C8)

Have a look what the booklet for
Hex(0093C8) contains.

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Color

Hex(0093C8)

Conversions

Conversions Part 1

Format	Color
Hex	0093C8
RGB	0, 147, 200
RGB Percent	0%, 58%, 78%
CMY	1.0000, 0.4235, 0.2157
CMYK	1.00, 0.27, 0.00, 0.22
HSL	196°, 100%, 39%
HSV	196°, 100%, 78%
XYZ	20.8590, 25.0376, 58.3769
YIQ	109.0890, -104.6250, -14.6810

Conversions

Conversions Part 2

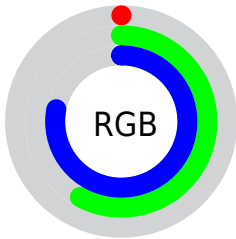
Format	Color
RYB	0, 85, 200
Decimal	37832
CIELab	57.11, -13.54, -36.42
CIELCh	57, 38.858, 249.601
Yxy	25.0376, 0.2000, 0.2401
Android (android.graphics.Color)	4278227912 (0xFF0093C8)
YUV	109.0890, 44.8191, -95.6711
Hunter-Lab	50.0376, -13.1548, -34.1451

Details

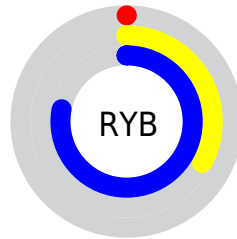
The Hex color **0093C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C83500**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63C9FF**, and **006192** is the 20% darker color. If you saturate the color by 10%, you get **0093C8**, and if you desaturate by 10%, it is **1498C8**.

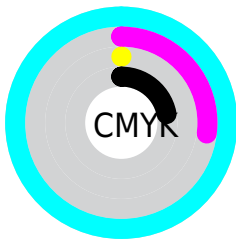
Distribution



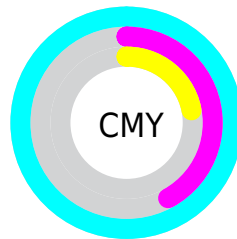
- Red (0%)
- Green (58%)
- Blue (78%)



- Red (0%)
- Yellow (33%)
- Blue (78%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0093C8 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 0093C8 by changing the saturation by 10% instead.

 0093C8

 0093C8

FFFFFF

 0079AC

 63C9FF

 006192

 82E5FF

 004978

 A1FFFF

 00325F

 C0FFFF

 001E47

 DEFFFF

 000430

FDFFFF

 00011A

 000000

 0093C8

 1498C8

 289EC8

 3CA3C8

 50A8C8

 64AEC8

 78B3C8

 8CB8C8

 A0BDC8

 B4C3C8

Harmonies

Analogous

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



0099B3



0093C8



6689CC

Triad

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



0093C8



C96D7F



6F9453

Complementary

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



0093C8



C83500

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.



938B44



0093C8



C57360

Square

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



0093C8



BC71A1



B17F4A



409970

Rectangle

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



0093C8



8B80C4



B17F4A



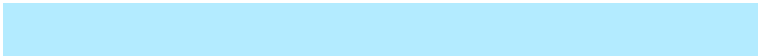
7C914C

Sweetspot

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



0093C8



B3EBFF



00C832



527380



000000



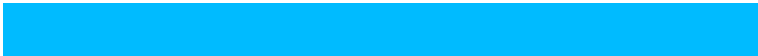
808080

Same Dimension

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



0093C8



00BBFF



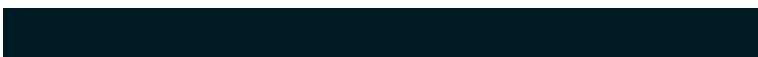
0032C8



5A6163



0078A3



001A24

Inverse Universe

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



C80093



FF00BB



C89600



635A61



A30078



24001A

Previews

White Background



This preview shows how the Hex color 0093C8 looks on a white background.

Color Contrast Check

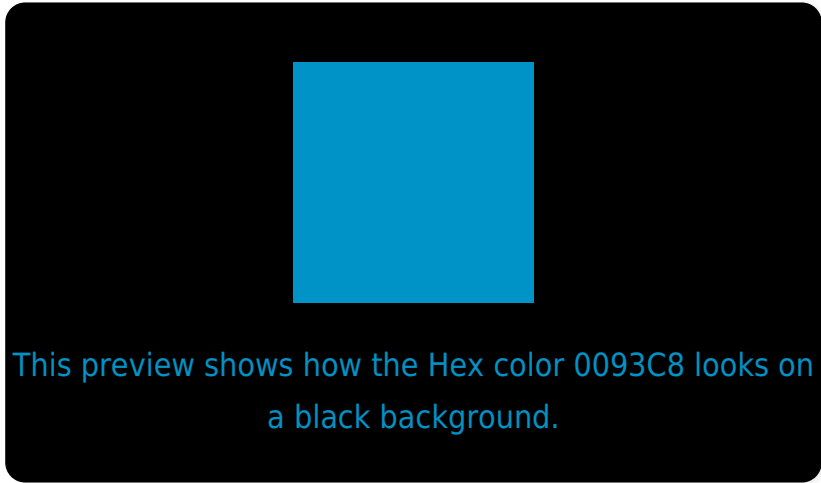
Large Text (above 18pt) WCAG AA ✓ Pass

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

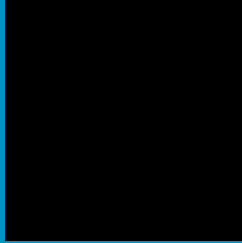
Any Text WCAG AA ✓ Pass

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 0093C8 Background



This preview shows how black text looks on a background with the Hex color 0093C8.



This preview shows how white text looks on a background with the Hex color 0093C8.

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
0098A3

Trichromacy



Original Color
0093C8



Protanomaly
4C8BC2



Deuteranomaly
448CCA



Tritanomaly
0096B0

Monochromacy



Original Color
0093C8



Achromatopsia
6D6D6D



Achromatomaly
457B8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0093C8 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 #0093C8 looks like.

```
.text, #text, p{  
    color:#0093C8  
}
```

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 #0093C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093C8
}
```

Border

The CSS property to change the border of an element to Hex 0093C8 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
#0093C8 }
```

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

```
.border{ border-color:#0093C8 }
```

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

Here you see how a box with a 4 pixel #0093C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093C8; -webkit-box-shadow:4px 4px  
4px 4px #0093C8; box-shadow:4px 4px 4px  
4px #0093C8 }
```

Background

The CSS property to change the background color of an element to Hex 0093C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093C8 }
```

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

```
.background{ background-color:#0093C8 }
```

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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