

Converting Colors

Hex(0094C0)

Have a look what the booklet for
Hex(0094C0) contains.

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Color

Hex(0094C0)

Conversions

Conversions Part 1

Format	Color
Hex	0094C0
RGB	0, 148, 192
RGB Percent	0%, 58%, 75%
CMY	1.0000, 0.4196, 0.2471
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 38%
HSV	194°, 100%, 75%
XYZ	20.1043, 24.9856, 53.6323
YIQ	108.7640, -102.3320, -17.6920

Conversions

Conversions Part 2

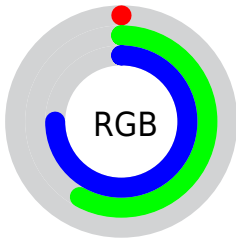
Format	Color
R _Y B	0, 84, 192
Decimal	38080
CIE Lab	57.06, -17.01, -31.98
CIE LCh	57, 36.223, 241.995
Yxy	24.9856, 0.2036, 0.2531
Android (android.graphics.Color)	4278228160 (0xFF0094C0)
YUV	108.7640, 41.0353, -95.3860
Hunter-Lab	49.9856, -15.6816, -28.6256

Details

The Hex color **0094C0** 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 **C02C00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61CAF9**, and **00618A** is the 20% darker color. If you saturate the color by 10%, you get **0094C0**, and if you desaturate by 10%, it is **1398C0**.

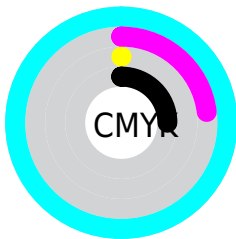
Distribution



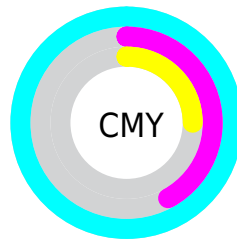
- Red (0%)
- Green (58%)
- Blue (75%)



- 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 0094C0 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 0094C0 by changing the saturation by 10% instead.

 0094C0

 0094C0

FFFFFF

 007AA5

 61CAF9

 00618A

 81E6FF

 004971

 9FFFFFFF

 003358


 BEFFFF

 001F40

 DCFFFF

 00032A

 FBFFFF

 000114

 000000

 0094C0

 1398C0

 269DC0

 3AA1C0

 4DA6C0

 60AAC0

 73AEC0

 86B3C0

 9AB7C0

 ADBCC0

Harmonies

Analogous

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



0099A9



0094C0



5B8BC8

Triad

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



0094C0



C47088



7A9152

Complementary

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



0094C0



C02C00

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.



9B8849



0094C0



C47369

Square

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



0094C0



B275A7



B57D52



53976A

Rectangle

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



0094C0



7F84C3



B57D52



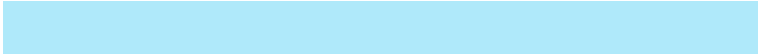
868E4D

Sweetspot

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



0094C0



AFE9FA



00C02A



50737D



FCFCFC



7D7D7D

Same Dimension

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



0094C0



00C1FA



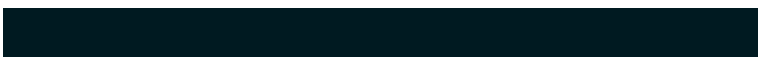
0036C0



575F61



007CA1



001A21

Inverse Universe

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



C00094



FA00C1



C08A00



61575F



A1007C



21001A

Previews

White Background



This preview shows how the Hex color 0094C0 looks on a white background.

Color Contrast Check

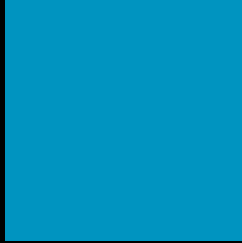
Large Text (above 18pt) WCAG AA ✓ Pass

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 0094C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

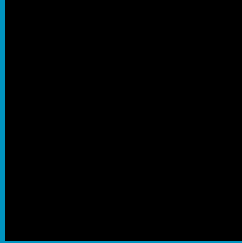
Any Text WCAG AA ✓ Pass

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 0094C0 Background



This preview shows how black text looks on a background with the Hex color 0094C0.



This preview shows how white text looks on a background with the Hex color 0094C0.

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
0094C0



Protanomaly
4E8CBA



Deuteranomaly
498CC2



Tritanomaly
0097AE

Monochromacy



Original Color
0094C0



Achromatopsia
6D6D6D



Achromatomaly
457B8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0094C0 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 #0094C0 looks like.

```
.text, #text, p{  
    color:#0094C0  
}
```

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 #0094C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094C0
}
```

Border

The CSS property to change the border of an element to Hex 0094C0 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
#0094C0 }
```

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

```
.border{ border-color:#0094C0 }
```

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

Here you see how a box with a 4 pixel #0094C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094C0; -webkit-box-shadow:4px 4px  
4px 4px #0094C0; box-shadow:4px 4px 4px  
4px #0094C0 }
```

Background

The CSS property to change the background color of an element to Hex 0094C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094C0 }
```

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

```
.background{ background-color:#0094C0 }
```

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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