

Converting Colors

Hex(0094C6)

Have a look what the booklet for
Hex(0094C6) contains.

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Color

Hex(0094C6)

Conversions

Conversions Part 1

Format	Color
Hex	0094C6
RGB	0, 148, 198
RGB Percent	0%, 58%, 78%
CMY	1.0000, 0.4196, 0.2235
CMYK	1.00, 0.25, 0.00, 0.22
HSL	195°, 100%, 39%
HSV	195°, 100%, 78%
XYZ	20.7829, 25.2570, 57.2058
YIQ	109.4480, -104.2580, -15.8260

Conversions

Conversions Part 2

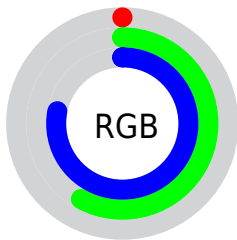
Format	Color
RYB	0, 85, 198
Decimal	38086
CIELab	57.32, -14.83, -34.96
CIELCh	57, 37.975, 247.014
Yxy	25.2570, 0.2013, 0.2446
Android (android.graphics.Color)	4278228166 (0xFF0094C6)
YUV	109.4480, 43.6561, -95.9859
Hunter-Lab	50.2564, -14.1320, -32.3091

Details

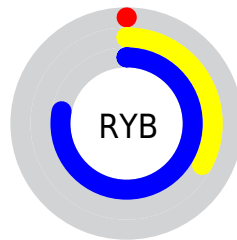
The Hex color **0094C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C63200**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **62CAFF**, and **006190** is the 20% darker color. If you saturate the color by 10%, you get **0094C6**, and if you desaturate by 10%, it is **1499C6**.

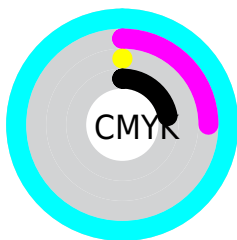
Distribution



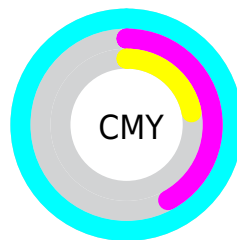
- Red (0%)
- Green (58%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0094C6 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 0094C6 by changing the saturation by 10% instead.

 0094C6

 0094C6

FFFFFF

 007AAB

 62CAFF

 006190

 82E6FF

 004A76

 A1FFFF

 00335D

 BFFFFFF

 001F45

 DEFFFF

 00042F

FDFFFF

 000119

 000000

 0094C6

 1499C6

 289EC6

 3BA3C6

 4FA8C6

 63ADC6

 77B2C6

 8BB7C6

 9EBCC6

 B2C1C6

Harmonies

Analogous

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



0099B1



0094C6



638ACB

Triad

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



0094C6



C86F83



739353

Complementary

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



0094C6



C63200

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.



978A46



0094C6



C57463

Square

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



0094C6



B973A4



B37F4D



48996F

Rectangle

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



0094C6



8882C5



B37F4D



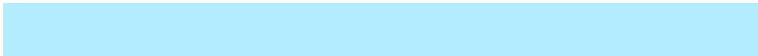
80914D

Sweetspot

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



0094C6



B3ECFF



00C632



527480



000000



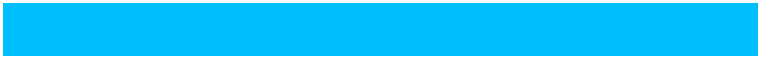
808080

Same Dimension

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



0094C6



00BFFF



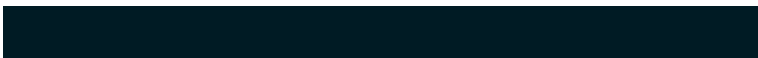
0032C6



5A6163



007AA3



001B24

Inverse Universe

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



C60094



FF00BF



C69500



635A61



A3007A



24001B

Previews

White Background



This preview shows how the Hex color 0094C6 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 0094C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

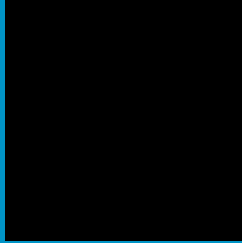
Any Text WCAG AA ✓ Pass

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 0094C6 Background



This preview shows how black text looks on a background with the Hex color 0094C6.



This preview shows how white text looks on a background with the Hex color 0094C6.

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



Trichromacy



Original Color
0094C6

Protanomaly
4D8CC0

Deuteranomaly
468CC8

Monochromacy



Original Color
0094C6

Achromatopsia
6D6D6D

Achromatomaly
457B8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0094C6 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 #0094C6 looks like.

```
.text, #text, p{  
    color:#0094C6  
}
```

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 #0094C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094C6
}
```

Border

The CSS property to change the border of an element to Hex 0094C6 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
#0094C6 }
```

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

```
.border{ border-color:#0094C6 }
```

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

Here you see how a box with a 4 pixel #0094C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094C6; -webkit-box-shadow:4px 4px  
4px 4px #0094C6; box-shadow:4px 4px 4px  
4px #0094C6 }
```

Background

The CSS property to change the background color of an element to Hex 0094C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094C6 }
```

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

```
.background{ background-color:#0094C6 }
```

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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