

Converting Colors

Hex(0094AF)

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

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Color

Hex(0094AF)

Conversions

Conversions Part 1

Format	Color
Hex	0094AF
RGB	0, 148, 175
RGB Percent	0%, 58%, 69%
CMY	1.0000, 0.4196, 0.3137
CMYK	1.00, 0.15, 0.00, 0.31
HSL	189°, 100%, 34%
HSV	189°, 100%, 69%
XYZ	18.3278, 24.2750, 44.2770
YIQ	106.8260, -96.8750, -22.9790

Conversions

Conversions Part 2

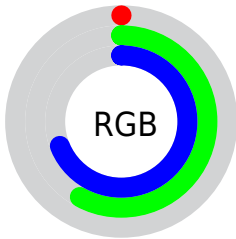
Format	Color
RYB	0, 80, 175
Decimal	38063
CIELab	56.36, -23.04, -23.41
CIELCh	56, 32.848, 225.456
Yxy	24.2750, 0.2110, 0.2794
Android (android.graphics.Color)	4278228143 (0xFF0094AF)
YUV	106.8260, 33.6098, -93.6864
Hunter-Lab	49.2696, -19.8218, -18.7933

Details

The Hex color **0094AF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF1B00**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DCAE7**, and **00617A** is the 20% darker color. If you saturate the color by 10%, you get **0094AF**, and if you desaturate by 10%, it is **1197AF**.

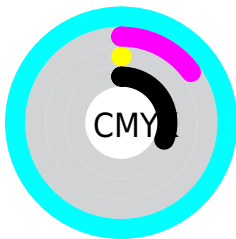
Distribution



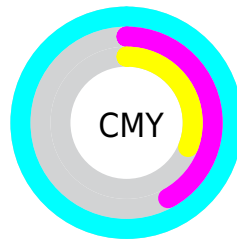
- Red (0%)
- Green (58%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 0094AF

 0094AF

FFFFFF

 007A94

 5DCAE7

 00617A

 7DE7FF

 004962

 9BFFFF

 00324A

 B9FFFF

 001F33

 D7FFFF

 00021E

 F5FFFF

 000000

 0094AF

 1197AF

■ 2399AF

■ 359CAF

■ 469FAF

■ 58A2AF

■ 69A4AF

■ 7AA7AF

■ 8CAAAF

■ 9EACAF

Harmonies

Analogous

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



159695



0094AF



438EBE

Triad

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



0094AF



B67296



8B8A4F

Complementary

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



0094AF



AF1B00

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.



A68150



0094AF



BF7179

Square

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



0094AF



9D7AAF



B87760



6B915E

Rectangle

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



0094AF



6688C0



B87760



95874E

Sweetspot

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



0094AF



9FD8E3



00AF1A



496C73



F2F2F2



737373

Same Dimension

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



0094AF



00C0E3



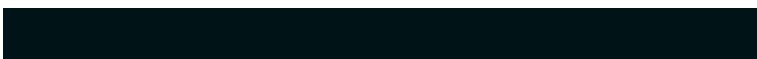
003DAF



4E5557



007F96



001317

Inverse Universe

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



AF0094



E300C0



AF7200



574E55



96007F



170013

Previews

White Background



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

Color Contrast Check

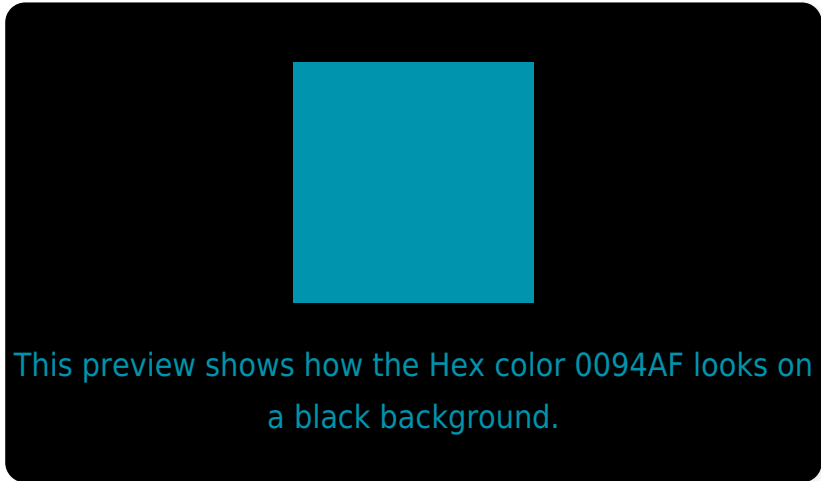
Large Text (above 18pt) WCAG AA ✓ Pass

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

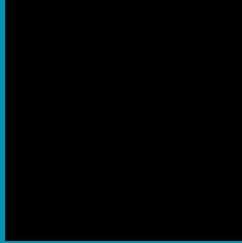
Any Text WCAG AA ✓ Pass

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 0094AF Background



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

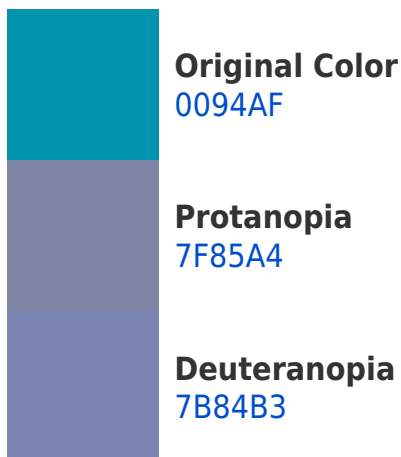


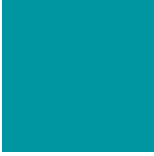
This preview shows how white text looks on a background with the Hex color 0094AF.

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
0096A1

Trichromacy



Original Color
0094AF

Protanomaly
518AA8

Deuteranomaly
4E8AB2

Tritanomaly
0095A6

Monochromacy



Original Color
0094AF

Achromatopsia
6B6B6B

Achromatomaly
447A84

CSS Examples

Text

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

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

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 #0094AF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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