

# Converting Colors

Hex(0094DA)

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

<b>Hex(0094DA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(0094DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094DA
RGB	0, 148, 218
RGB Percent	0%, 58%, 85%
CMY	1.0000, 0.4196, 0.1451
CMYK	1.00, 0.32, 0.00, 0.15
HSL	199°, 100%, 43%
HSV	199°, 100%, 85%
XYZ	23.2448, 26.2418, 70.1697
YIQ	111.7280, -110.6780, -9.6060

# Conversions

## Conversions Part 2

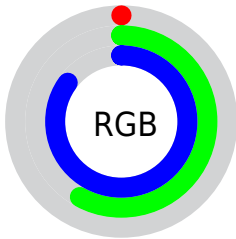
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 88, 218
Decimal	38106
CIE Lab	58.27, -7.43, -44.71
CIE LCh	58, 45.322, 260.562
Yxy	26.2418, 0.1943, 0.2193
Android (android.graphics.Color)	4278228186 (0xFF0094DA)
YUV	111.7280, 52.3921, -97.9855
Hunter-Lab	51.2267, -8.6500, -45.3560

# Details

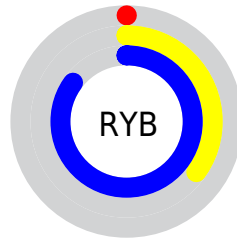
The Hex color **0094DA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DA4600**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67CAFF**, and **0062A3** is the 20% darker color. If you saturate the color by 10%, you get **0094DA**, and if you desaturate by 10%, it is **169BDA**.

# Distribution



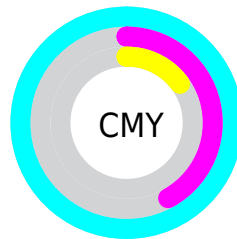
- Red (0%)
- Green (58%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 0094DA

 0094DA

FFFFFF

 007ABE

 67CAFF

 0062A3

 87E6FF

 004A88

 A7FFFF

 00346E

 C6FFFF

 002055

 E5FFFF

 00063E

 000327

 000110

 000000

 0094DA

 169BDA

 2CA2DA

 41A9DA

 57B0DA

 6DB7DA

 83BEDA

 99C5DA

 AECCDA

 C4D3DA

# Harmonies

## Analogous

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



009CC8



0094DA



7A87D6

# Triad

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



0094DA



D66C72



5A9B58

# Complementary

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



0094DA



DA4600

# 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.



88923E



0094DA



CA7750

# Square

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



0094DA



CF6C9A



AE863C



009F7E

# Rectangle

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



0094DA



A17CC9



AE863C



6B984D

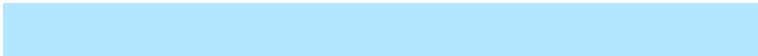


# Sweetspot

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



0094DA



B3E6FF



00DA45



527180



000000



808080

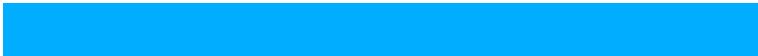


# Same Dimension

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



0094DA



00ADFF



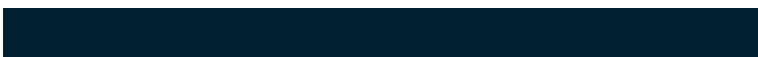
0028DA



636A6E



0076AD



001F2E



# Inverse Universe

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



DA0094



FF00AD



DAB200



6E636A



AD0076



2E001F



# Previews

## White Background



This preview shows how the Hex color 0094DA 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 0094DA 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 0094DA Background



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

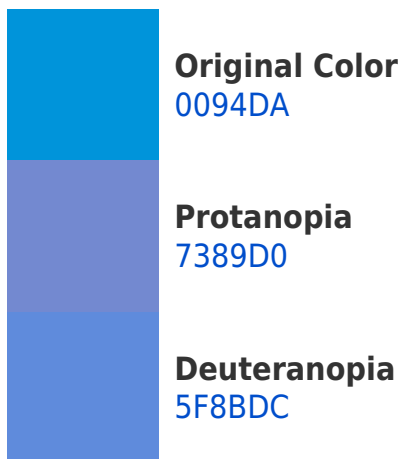


This preview shows how white text looks on a background with the Hex color 0094DA.

# 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**  
0094DA

**Protanomaly**  
498DD4

**Deuteranomaly**  
3C8EDB

# Monochromacy



**Original Color**  
0094DA

**Achromatopsia**  
707070

**Achromatomaly**  
477D97

# CSS Examples

## Text

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

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

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 #0094DA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor