

# Converting Colors

Hex(0093D4)

Have a look what the booklet for  
Hex(0093D4) contains.

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# Color

Hex(0093D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	0093D4
RGB	0, 147, 212
RGB Percent	0%, 58%, 83%
CMY	1.0000, 0.4235, 0.1686
CMYK	1.00, 0.31, 0.00, 0.17
HSL	198°, 100%, 42%
HSV	198°, 100%, 83%
XYZ	22.3174, 25.6209, 66.0564
YIQ	110.4570, -108.4770, -10.9490

# Conversions

## Conversions Part 2

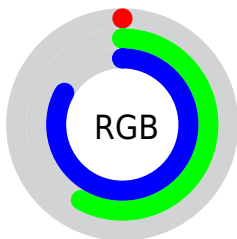
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 87, 212
Decimal	37844
CIE <sub>Lab</sub>	57.68, -9.10, -42.28
CIE <sub>LCh</sub>	58, 43.252, 257.851
Yxy	25.6209, 0.1958, 0.2248
Android (android.graphics.Color)	4278227924 (0xFF0093D4)
YUV	110.4570, 50.0607, -96.8708
Hunter-Lab	50.6171, -9.8782, -41.9428

# Details

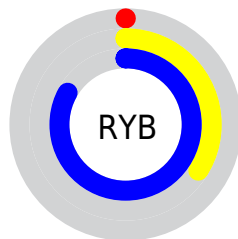
The Hex color **0093D4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D44100**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C9FF**, and **00619D** is the 20% darker color. If you saturate the color by 10%, you get **0093D4**, and if you desaturate by 10%, it is **1599D4**.

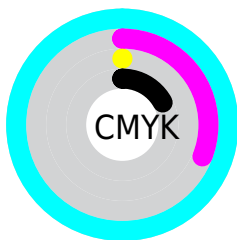
# Distribution



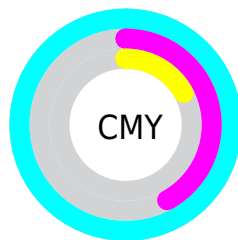
- Red (0%)
- Green (58%)
- Blue (83%)



- Red (0%)
- Yellow (34%)
- Blue (83%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (42%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0093D4 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 0093D4 by changing the saturation by 10% instead.



0093D4

0093D4

FFFFFF

0079B8

65C9FF

00619D

86E5FF

004983

A5FFFF

003369

C4FFFF

001F50

E2FFFF

000539

000223

000009

000000

 0093D4

 1599D4

 2AA0D4

 40A6D4

 55ADD4

 6AB3D4

 7FBAD4

 94C0D4

 AAC7D4

 BFCED4

# Harmonies

## Analogous

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



009BC2



0093D4



7487D2

# Triad

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



0093D4



D26C75



5F9856

# Complementary

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



0093D4



D44100

# 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.



8B8F40



0093D4



C77554

# Square

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



0093D4



C96D9C



AE833F



189D79

# Rectangle

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



0093D4



9B7DC6



AE833F



6F964D

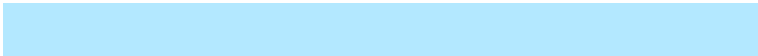


# Sweetspot

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



0093D4



B3E8FF



00D440



527180



000000



808080

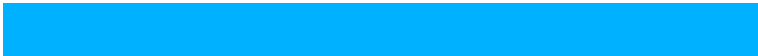


# Same Dimension

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



0093D4



00B1FF



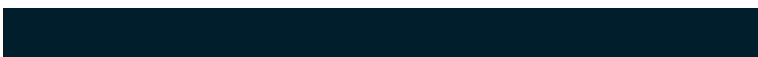
002AD4



60686B



0076AB



001E2B



# Inverse Universe

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



D40093



FF00B1



D4AA00



6B6068



AB0076



2B001E



# Previews

## White Background



This preview shows how the Hex color 0093D4 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 0093D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

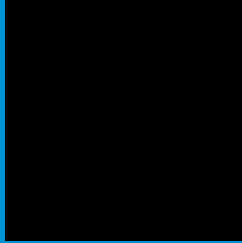
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0093D4 Background



This preview shows how black text looks on a background with the Hex color 0093D4.

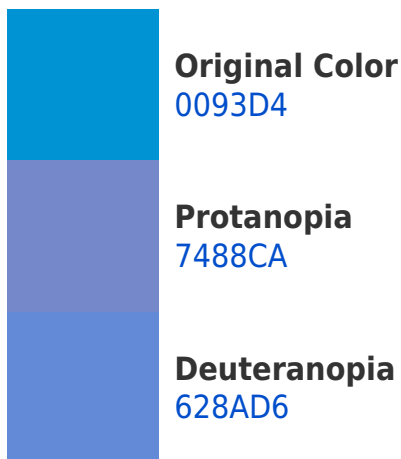


This preview shows how white text looks on a background with the Hex color 0093D4.

# 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**  
0099A5

# Trichromacy



**Original Color**  
0093D4



**Protanomaly**  
4A8CCE



**Deuteranomaly**  
3E8DD5



**Tritanomaly**  
0097B6

# Monochromacy



**Original Color**  
0093D4



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
467B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0093D4 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 #0093D4 looks like.

```
.text, #text, p{  
    color:#0093D4  
}
```

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 #0093D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093D4
}
```

## Border

The CSS property to change the border of an element to Hex 0093D4 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
#0093D4 }
```

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

```
.border{ border-color:#0093D4 }
```

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

Here you see how a box with a 4 pixel #0093D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093D4; -webkit-box-shadow:4px 4px  
4px 4px #0093D4; box-shadow:4px 4px 4px  
4px #0093D4 }
```

# Background

The CSS property to change the background color of an element to Hex 0093D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093D4 }
```

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

```
.background{ background-color:#0093D4 }
```

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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