

# Converting Colors

Hex(0093D8)

Have a look what the booklet for  
Hex(0093D8) contains.

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# Color

Hex(0093D8)

# Conversions

## Conversions Part 1

Format	Color
Hex	0093D8
RGB	0, 147, 216
RGB Percent	0%, 58%, 85%
CMY	1.0000, 0.4235, 0.1529
CMYK	1.00, 0.32, 0.00, 0.15
HSL	199°, 100%, 42%
HSV	199°, 100%, 85%
XYZ	22.8284, 25.8253, 68.7473
YIQ	110.9130, -109.7610, -9.7050

# Conversions

## Conversions Part 2

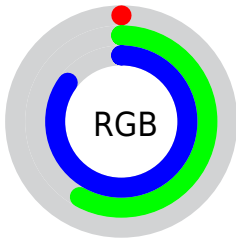
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 216
Decimal	37848
CIELab	57.87, -7.61, -44.21
CIELCh	58, 44.864, 260.237
Yxy	25.8253, 0.1944, 0.2200
Android (android.graphics.Color)	4278227928 (0xFF0093D8)
YUV	110.9130, 51.8079, -97.2707
Hunter-Lab	50.8186, -8.7480, -44.6344

# Details

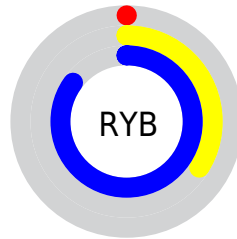
The Hex color **0093D8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D84500**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C9FF**, and **0061A1** is the 20% darker color. If you saturate the color by 10%, you get **0093D8**, and if you desaturate by 10%, it is **169AD8**.

# Distribution



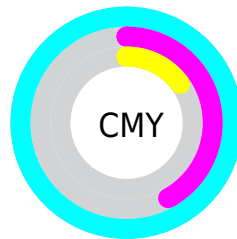
- Red (0%)
- Green (58%)
- Blue (85%)



- Red (0%)
- Yellow (34%)
- 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 0093D8 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 0093D8 by changing the saturation by 10% instead.



 0093D8

 0093D8

FFFFFF

 0079BC

 66C9FF

 0061A1

 87E5FF

 004986

 A6FFFF

 00336D

 C5FFFF

 001F54

 E4FFFF

 00063C

 000226

 00010E

 000000

■ 0093D8

■ 169AD8

■ 2BA1D8

■ 41A8D8

■ 56AFD8

■ 6CB5D8

■ 82BCD8

■ 97C3D8

■ ADCAD8

■ C2D1D8

# Harmonies

## Analogous

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



009BC6



0093D8



7986D5

# Triad

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



0093D8



D56B72



5A9A57

# Complementary

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



0093D8



D84500

# 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.



88913E



0093D8



C87650

# Square

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



0093D8



CD6B9A



AD843C



009E7C

# Rectangle

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



0093D8



A07BC7



AD843C



6B974D



# Sweetspot

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



0093D8



B3E7FF



00D844



527180



000000



808080



# Same Dimension

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



0093D8



00AEFF



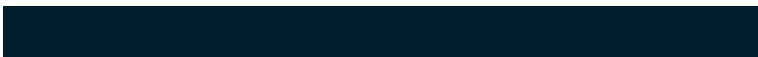
0028D8



60686B



0074AB



001E2B



# Inverse Universe

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



D80093



FF00AE



D8B000



6B6068



AB0074



2B001E



# Previews

## White Background



This preview shows how the Hex color 0093D8 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 0093D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

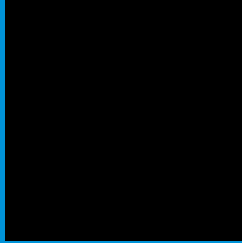
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0093D8 Background



This preview shows how black text looks on a background with the Hex color 0093D8.

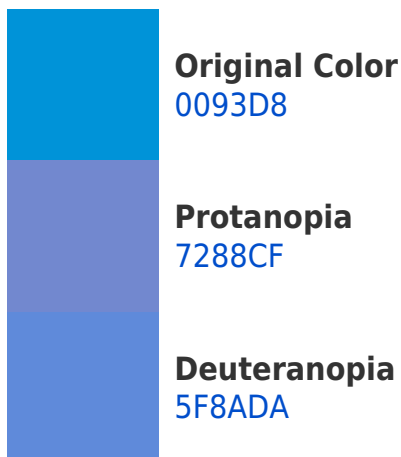


This preview shows how white text looks on a background with the Hex color 0093D8.

# 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**  
009AA5

# Trichromacy



**Original Color**  
0093D8



**Protanomaly**  
498CD2



**Deuteranomaly**  
3C8DD9



**Tritanomaly**  
0097B8

# Monochromacy



**Original Color**  
0093D8



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
477C95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0093D8 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 #0093D8 looks like.

```
.text, #text, p{  
    color:#0093D8  
}
```

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 #0093D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093D8
}
```

## Border

The CSS property to change the border of an element to Hex 0093D8 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
#0093D8 }
```

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

```
.border{ border-color:#0093D8 }
```

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

Here you see how a box with a 4 pixel #0093D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093D8; -webkit-box-shadow:4px 4px  
4px 4px #0093D8; box-shadow:4px 4px 4px  
4px #0093D8 }
```

# Background

The CSS property to change the background color of an element to Hex 0093D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093D8 }
```

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

```
.background{ background-color:#0093D8 }
```

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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