

Converting Colors

Hex(0097D8)

Have a look what the booklet for
Hex(0097D8) contains.

Hex(0097D8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0097D8)

Conversions

Conversions Part 1

Format	Color
Hex	0097D8
RGB	0, 151, 216
RGB Percent	0%, 59%, 85%
CMY	1.0000, 0.4078, 0.1529
CMYK	1.00, 0.30, 0.00, 0.15
HSL	198°, 100%, 42%
HSV	198°, 100%, 85%
XYZ	23.4613, 27.0911, 68.9583
YIQ	113.2610, -110.8610, -11.7970

Conversions

Conversions Part 2

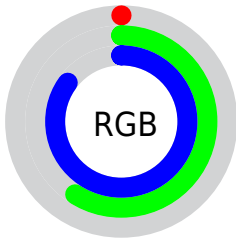
Format	Color
R _Y B	0, 89, 216
Decimal	38872
CIE Lab	59.06, -9.88, -42.34
CIE LCh	59, 43.480, 256.864
Yxy	27.0911, 0.1963, 0.2267
Android (android.graphics.Color)	4278228952 (0xFF0097D8)
YUV	113.2610, 50.6503, -99.3299
Hunter-Lab	52.0491, -10.6265, -42.1172

Details

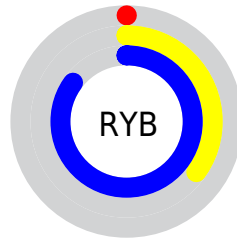
The Hex color **0097D8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D84100**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66CDFF**, and **0064A1** is the 20% darker color. If you saturate the color by 10%, you get **0097D8**, and if you desaturate by 10%, it is **169DD8**.

Distribution



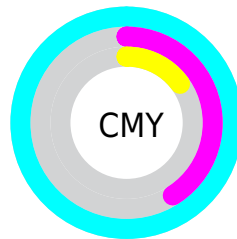
- Red (0%)
- Green (59%)
- Blue (85%)



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



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0097D8 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 0097D8 by changing the saturation by 10% instead.

0097D8

0097D8

FFFFFF

007DBC

66CDFF

0064A1

87E9FF

004D86

A6FFFF

00366D

C5FFFF

002154

E4FFFF

00063C

000226

00010F

000000

■ 0097D8

■ 169DD8

■ 2BA4D8

■ 41AAD8

■ 56B1D8

■ 6CB7D8

■ 82BED8

■ 97C4D8

■ ADCBD8

■ C2D2D8

Harmonies

Analogous

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



009FC5



0097D8



768BD7

Triad

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



0097D8



D66F7A



649C58

Complementary

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



0097D8



D84100

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.



909342



0097D8



CC7858

Square

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



0097D8



CC70A1



B38643



21A17C

Rectangle

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



0097D8



9D81CB



B38643



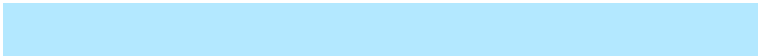
74994F

Sweetspot

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



0097D8



B3E8FF



00D841



527280



000000



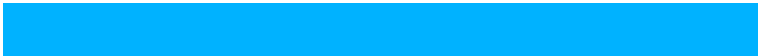
808080

Same Dimension

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



0097D8



00B2FF



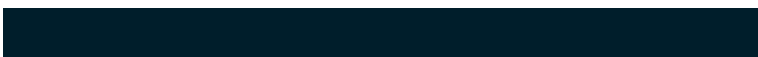
002BD8



60686B



0077AB



001E2B

Inverse Universe

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



D80097



FF00B2



D8AD00



6B6068



AB0077



2B001E

Previews

White Background



This preview shows how the Hex color 0097D8 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 0097D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

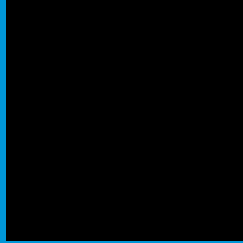
Any Text WCAG AA ✓ Pass

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 0097D8 Background



This preview shows how black text looks on a background with the Hex color 0097D8.

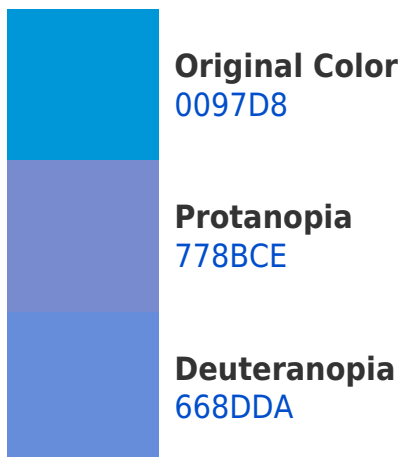


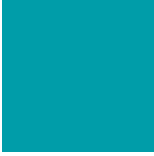
This preview shows how white text looks on a background with the Hex color 0097D8.

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
009DA9

Trichromacy



Original Color
0097D8



Protanomaly
4C8FD2



Deuteranomaly
4191D9



Tritanomaly
009BBA

Monochromacy



Original Color
0097D8



Achromatopsia
717171



Achromatomaly
487F96

CSS Examples

Text

The CSS property to change the color of the text to Hex 0097D8 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 #0097D8 looks like.

```
.text, #text, p{  
    color:#0097D8  
}
```

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 #0097D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0097D8
}
```

Border

The CSS property to change the border of an element to Hex 0097D8 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
#0097D8 }
```

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

```
.border{ border-color:#0097D8 }
```

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

Here you see how a box with a 4 pixel #0097D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0097D8; -webkit-box-shadow:4px 4px  
4px 4px #0097D8; box-shadow:4px 4px 4px  
4px #0097D8 }
```

Background

The CSS property to change the background color of an element to Hex 0097D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0097D8 }
```

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

```
.background{ background-color:#0097D8 }
```

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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