

Converting Colors

Hex(0097D5)

Have a look what the booklet for
Hex(0097D5) contains.

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Color

Hex(0097D5)

Conversions

Conversions Part 1

Format	Color
Hex	0097D5
RGB	0, 151, 213
RGB Percent	0%, 59%, 84%
CMY	1.0000, 0.4078, 0.1647
CMYK	1.00, 0.29, 0.00, 0.16
HSL	197°, 100%, 42%
HSV	197°, 100%, 84%
XYZ	23.0768, 26.9373, 66.9339
YIQ	112.9190, -109.8980, -12.7300

Conversions

Conversions Part 2

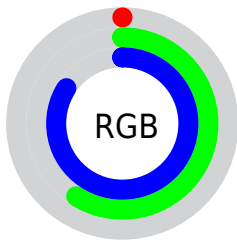
Format	Color
RYB	0, 88, 213
Decimal	38869
CIELab	58.92, -10.99, -40.89
CIELCh	59, 42.341, 254.956
Yxy	26.9373, 0.1973, 0.2303
Android (android.graphics.Color)	4278228949 (0xFF0097D5)
YUV	112.9190, 49.3399, -99.0300
Hunter-Lab	51.9012, -11.4605, -40.1321

Details

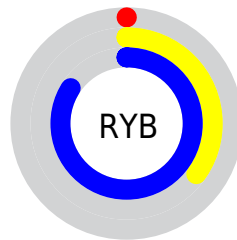
The Hex color **0097D5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D53E00**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66CDFF**, and **00649E** is the 20% darker color. If you saturate the color by 10%, you get **0097D5**, and if you desaturate by 10%, it is **159DD5**.

Distribution



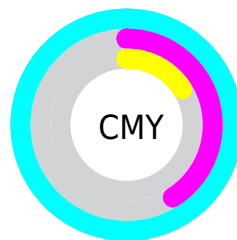
- Red (0%)
- Green (59%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0097D5 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 0097D5 by changing the saturation by 10% instead.

0097D5

0097D5

FFFFFF

007DB9

66CDFF

00649E

86E9FF

004D84

A5FFFF

00366A

C4FFFF

002151

E3FFFF

00053A

000224

00000B

000000

 0097D5

 159DD5

 2BA3D5

 40AAD5

 55B0D5

 6BB6D5

 80BCD5

 95C2D5

 AAC9D5

 C0CFD5

Harmonies

Analogous

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



009EC1



0097D5



728BD5

Triad

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



0097D5



D46F7C



689B57

Complementary

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



0097D5



D53E00

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.



929243



0097D5



CC785B

Square

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



0097D5



C971A2



B48545



2DA079

Rectangle

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



0097D5



9982CB



B48545



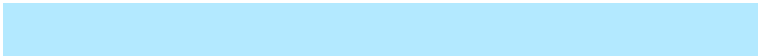
77984F

Sweetspot

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



0097D5



B3E9FF



00D53C



527280



000000



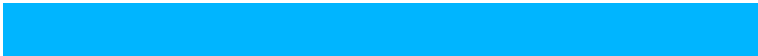
808080

Same Dimension

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



0097D5



00B5FF



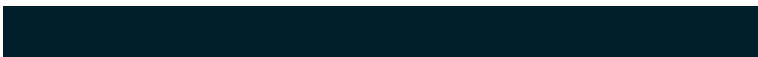
002ED5



60686B



0079AB



001F2B

Inverse Universe

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



D50097



FF00B5



D5A700



6B6068



AB0079



2B001F

Previews

White Background



This preview shows how the Hex color 0097D5 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 0097D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

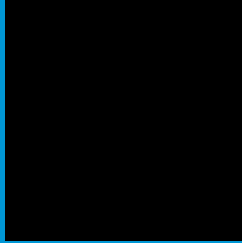
Any Text WCAG AA ✓ Pass

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 0097D5 Background



This preview shows how black text looks on a background with the Hex color 0097D5.

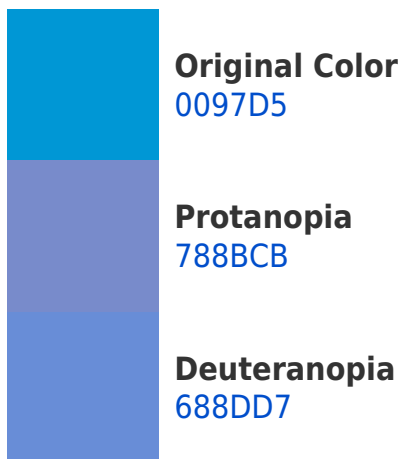


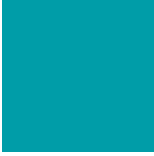
This preview shows how white text looks on a background with the Hex color 0097D5.

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
009DA8

Trichromacy



Original Color
0097D5



Protanomaly
4C8FCF



Deuteranomaly
4291D6



Tritanomaly
009BB8

Monochromacy



Original Color
0097D5



Achromatopsia
717171



Achromatomaly
487F95

CSS Examples

Text

The CSS property to change the color of the text to Hex 0097D5 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 #0097D5 looks like.

```
.text, #text, p{  
    color:#0097D5  
}
```

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 #0097D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0097D5
}
```

Border

The CSS property to change the border of an element to Hex 0097D5 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
#0097D5 }
```

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

```
.border{ border-color:#0097D5 }
```

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

Here you see how a box with a 4 pixel #0097D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0097D5; -webkit-box-shadow:4px 4px  
4px 4px #0097D5; box-shadow:4px 4px 4px  
4px #0097D5 }
```

Background

The CSS property to change the background color of an element to Hex 0097D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0097D5 }
```

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

```
.background{ background-color:#0097D5 }
```

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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