

Converting Colors

Hex(0D7DC8)

Have a look what the booklet for
Hex(0D7DC8) contains.

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Color

Hex(0D7DC8)

Conversions

Conversions Part 1

Format	Color
Hex	0D7DC8
RGB	13, 125, 200
RGB Percent	5%, 49%, 78%
CMY	0.9490, 0.5098, 0.2157
CMYK	0.93, 0.37, 0.00, 0.22
HSL	204°, 88%, 42%
HSV	204°, 94%, 78%
XYZ	17.9249, 18.9229, 57.3513
YIQ	100.0620, -90.8270, -0.4190

Conversions

Conversions Part 2

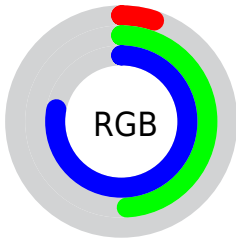
Format	Color
RYB	13, 83, 200
Decimal	884168
CIELab	50.60, -0.32, -46.70
CIELCh	51, 46.698, 269.603
Yxy	18.9229, 0.1903, 0.2009
Android (android.graphics.Color)	4279074248 (0xFF0D7DC8)
YUV	100.0620, 49.2694, -76.3534
Hunter-Lab	43.5005, -2.5727, -47.7180

Details

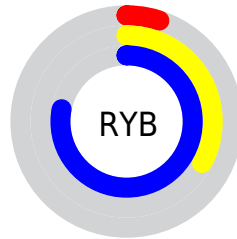
The Hex color **0D7DC8** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C8580D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **64B1FF**, and **004D91** is the 20% darker color. If you saturate the color by 10%, you get **0078C8**, and if you desaturate by 10%, it is **2185C8**.

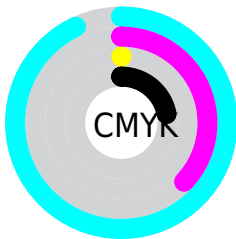
Distribution



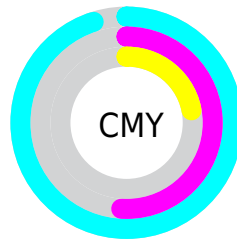
- Red (5%)
- Green (49%)
- Blue (78%)



- Red (5%)
- Yellow (33%)
- Blue (78%)



- Cyan (93%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7DC8 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 0D7DC8 by changing the saturation by 10% instead.

■ 0D7DC8

■ 0D7DC8

FFFFFF

■ 0064AC

■ 64B1FF

■ 004D91

■ 83CDFF

■ 003777

■ A2E9FF

■ 00225E

■ C0FFFF

■ 000A46

■ DFFFFFF

■ 00042F

FDFFFF

■ 000119

■ 000000

■ 0D7DC8

■ 0D7DC8

■ 0078C8

■ 2185C8

■ 358DC8

■ 4995C8

■ 5D9DC8

■ 71A5C8

■ 85ADC8

■ 99B5C8

■ ADBDC8

■ C1C5C8

Harmonies

Analogous

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



0087BD



0D7DC8



786EBE

Triad

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



0D7DC8



BF5953



2F894E

Complementary

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



0D7DC8



C8580D

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.



67822F



0D7DC8



AD6733

Square

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



0D7DC8



BF547B



8E7623



008C77

Rectangle

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



0D7DC8



9B63AC



8E7623



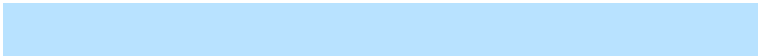
458742

Sweetspot

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



0D7DC8



B8E2FF



0DC858



546E80



000000



808080

Same Dimension

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



0D7DC8



0099FF



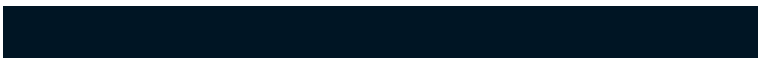
0D20C8



5A5F63



0062A3



001524

Inverse Universe

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



C80D7D



FF0099



C8B50D



635A5F



A30062



240015

Previews

White Background



This preview shows how the Hex color 0D7DC8 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 0D7DC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

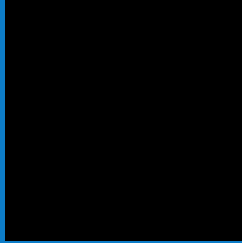
Any Text WCAG AA ✓ Pass

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 0D7DC8 Background



This preview shows how black text looks on a background with the Hex color 0D7DC8.

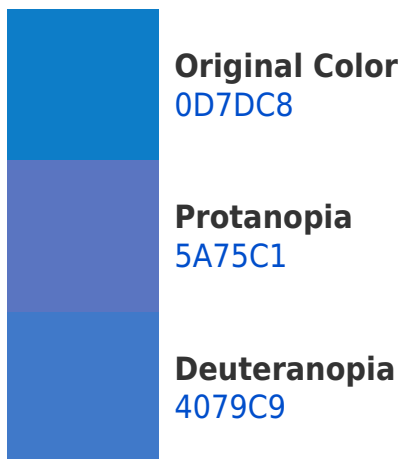


This preview shows how white text looks on a background with the Hex color 0D7DC8.

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](#).

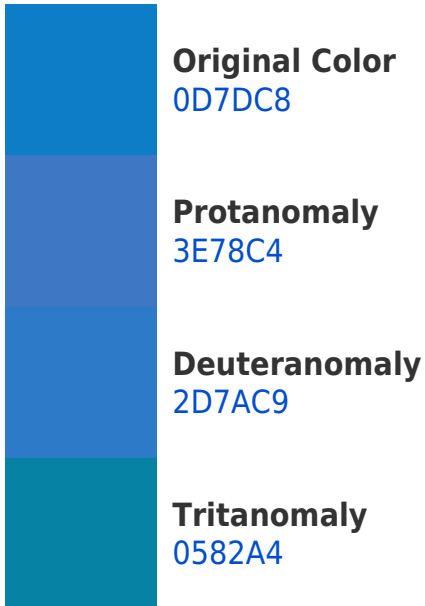
Dichromacy





Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7DC8 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 #0D7DC8 looks like.

```
.text, #text, p{  
    color:#0D7DC8  
}
```

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 #0D7DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7DC8
}
```

Border

The CSS property to change the border of an element to Hex 0D7DC8 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
#0D7DC8 }
```

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

```
.border{ border-color:#0D7DC8 }
```

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

Here you see how a box with a 4 pixel #0D7DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7DC8; -webkit-box-shadow:4px 4px  
4px 4px #0D7DC8; box-shadow:4px 4px 4px  
4px #0D7DC8 }
```

Background

The CSS property to change the background color of an element to Hex 0D7DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7DC8 }
```

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

```
.background{ background-color:#0D7DC8 }
```

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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