

Converting Colors

Hex(0D8082)

Have a look what the booklet for
Hex(0D8082) contains.

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Color

Hex(0D8082)

Conversions

Conversions Part 1

Format	Color
Hex	0D8082
RGB	13, 128, 130
RGB Percent	5%, 50%, 51%
CMY	0.9490, 0.4980, 0.4902
CMYK	0.90, 0.02, 0.00, 0.49
HSL	181°, 82%, 28%
HSV	181°, 90%, 51%
XYZ	11.9144, 17.1356, 23.7986
YIQ	93.8430, -69.1820, -23.7580

Conversions

Conversions Part 2

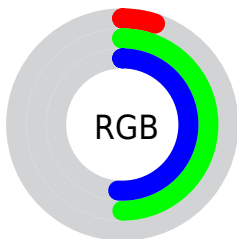
Format	Color
RYB	13, 71, 130
Decimal	884866
CIELab	48.43, -27.48, -9.39
CIELCh	48, 29.041, 198.859
Yxy	17.1356, 0.2254, 0.3242
Android (android.graphics.Color)	4279074946 (0xFF0D8082)
YUV	93.8430, 17.8254, -70.8993
Hunter-Lab	41.3952, -21.0655, -5.1100

Details

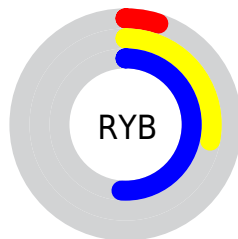
The Hex color **0D8082** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **820F0D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **56B5B7**, and **004E51** is the 20% darker color. If you saturate the color by 10%, you get **008082**, and if you desaturate by 10%, it is **1A8082**.

Distribution



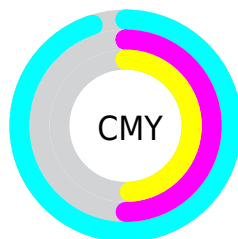
- Red (5%)
- Green (50%)
- Blue (51%)



- Red (5%)
- Yellow (28%)
- Blue (51%)



- Cyan (90%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8082 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 0D8082 by changing the saturation by 10% instead.

 0D8082

 0D8082

FFFFFF

 006769

 56B5B7

 004E51

 73D1D2

 00373A

 90EDEF

 002224

 ACFFFF

 00010F

 CAFFFF

 000000

 E7FFFF

 0D8082

 0D8082

 008082

 1A8082

■ 278082

■ 348182

■ 418182

■ 4E8182

■ 5B8182

■ 688282

■ 758282

■ 828282

Harmonies

Analogous

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



377F69



0D8082



0B7E97

Triad

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



0D8082



896793



8B6E43

Complementary

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



0D8082



820F0D

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.



9C664F



0D8082



9D617D

Square

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



0D8082



6870A1



A36064



737644

Rectangle

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



0D8082



2F7AA0



A36064



926B46

Sweetspot

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



0D8082



7BA8A8



0D820F



395454



D4D4D4



545454

Same Dimension

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



0D8082



00A5A8



0D4682



394040



007D80



000000

Inverse Universe

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



820D80



A800A5



82490D



403940



80007D



000000

Previews

White Background



This preview shows how the Hex color 0D8082 looks on a white background.

Color Contrast Check

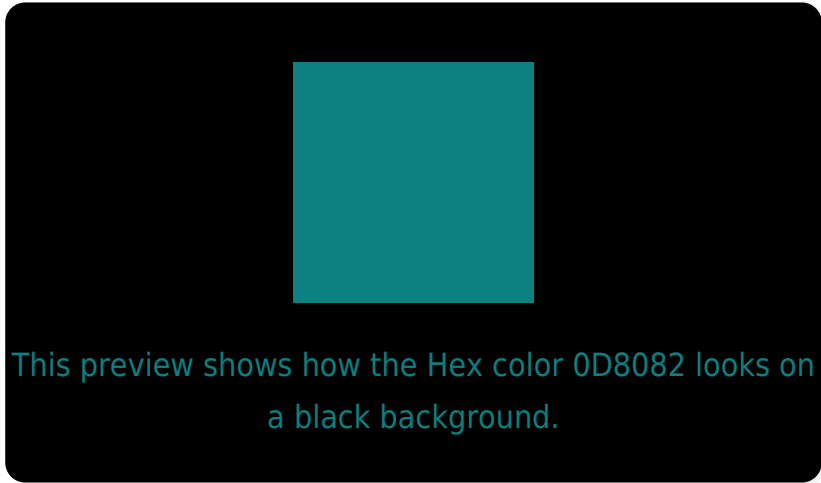
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

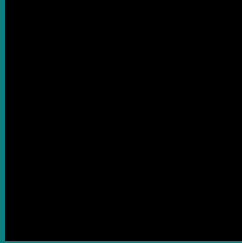
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0D8082 Background



This preview shows how black text looks on a background with the Hex color 0D8082.

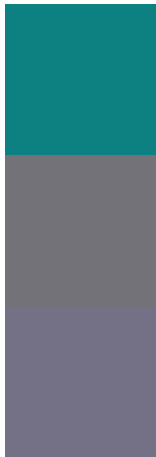


This preview shows how white text looks on a background with the Hex color 0D8082.

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



Original Color
0D8082

Protanopia
737279

Deuteranopia
747086



Tritanopia
187F89

Trichromacy



Original Color
0D8082



Protanomaly
4E777C



Deuteranomaly
4F7685



Tritanomaly
147F86

Monochromacy



Original Color
0D8082



Achromatopsia
5E5E5E



Achromatomaly
416A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8082 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 #0D8082 looks like.

```
.text, #text, p{  
    color:#0D8082  
}
```

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 #0D8082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8082
}
```

Border

The CSS property to change the border of an element to Hex 0D8082 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
#0D8082 }
```

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

```
.border{ border-color:#0D8082 }
```

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

Here you see how a box with a 4 pixel #0D8082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8082; -webkit-box-shadow:4px 4px  
4px 4px #0D8082; box-shadow:4px 4px 4px  
4px #0D8082 }
```

Background

The CSS property to change the background color of an element to Hex 0D8082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8082 }
```

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

```
.background{ background-color:#0D8082 }
```

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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