

Converting Colors

Hex(0D8772)

Have a look what the booklet for
Hex(0D8772) contains.

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Color

Hex(0D8772)

Conversions

Conversions Part 1

Format	Color
Hex	0D8772
RGB	13, 135, 114
RGB Percent	5%, 53%, 45%
CMY	0.9490, 0.4706, 0.5529
CMYK	0.90, 0.00, 0.16, 0.47
HSL	170°, 82%, 29%
HSV	170°, 90%, 53%
XYZ	11.8672, 18.6284, 18.8898
YIQ	96.1280, -65.9710, -32.3950

Conversions

Conversions Part 2

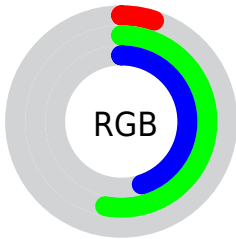
Format	Color
R_{YB}	13, 80, 135
Decimal	886642
CIE _{Lab}	50.25, -35.65, 2.68
CIE _{LCh}	50, 35.755, 175.705
Yxy	18.6284, 0.2403, 0.3772
Android (android.graphics.Color)	4279076722 (0xFF0D8772)
YUV	96.1280, 8.8109, -72.9033
Hunter-Lab	43.1606, -26.4518, 4.2635

Details

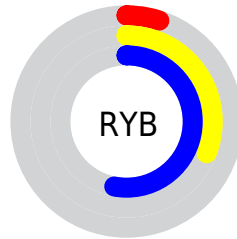
The Hex color **0D8772** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **870D22**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **56BDA6**, and **005442** is the 20% darker color. If you saturate the color by 10%, you get **008770**, and if you desaturate by 10%, it is **1A8774**.

Distribution



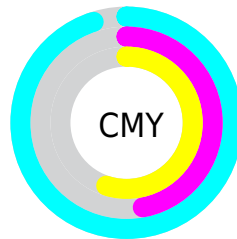
- Red (5%)
- Green (53%)
- Blue (45%)



- Red (5%)
- Yellow (31%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (16%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8772 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 0D8772 by changing the saturation by 10% instead.

 0D8772

 0D8772

FFFFFF

 006D5A

 56BDA6

 005442

 73D9C1

 003C2C

 8FF6DD

 002718

 ACFFF9

 000200

 C9FFFF

 000000

 E7FFFF

 0D8772

 0D8772

 008770

 1A8774

■ 288777

■ 358779

■ 43877B

■ 50877E

■ 5E8780

■ 6B8782

■ 798785

■ 878787

Harmonies

Analogous

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



4B8454



0D8772



008791

Triad

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



0D8772



7371AE



A56946

Complementary

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



0D8772



870D22

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.



B1615F



0D8772



99669A

Square

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



0D8772



3A7CB4



AE5F7D



8E743A

Rectangle

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



0D8772



0085A2



AE5F7D



AA664D

Sweetspot

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



0D8772



80B0A8



23870D



3D5954



D9D9D9



595959

Same Dimension

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



0D8772



00B092



0D6087



3C4241



00826C



000302

Inverse Universe

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



870D22



B0001E



87340D



423C3D



820016



030000

Previews

White Background



This preview shows how the Hex color 0D8772 looks on a white background.

Color Contrast Check

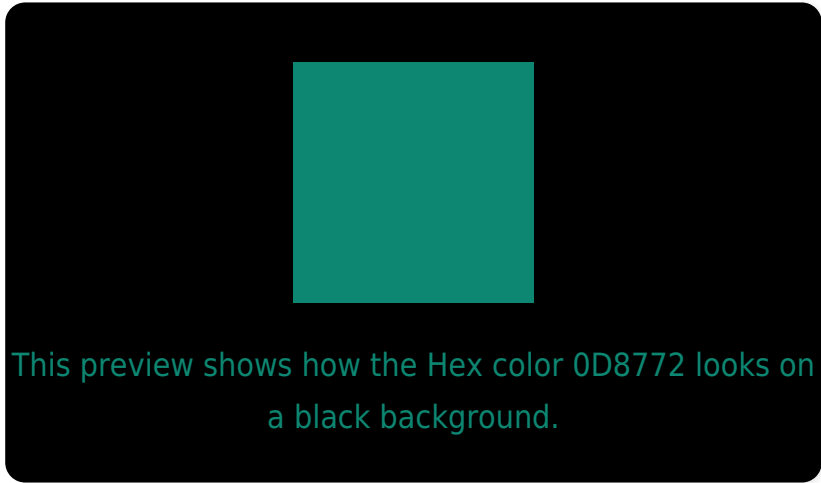
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

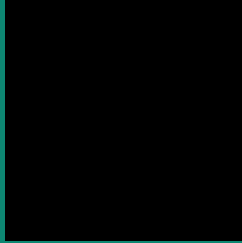
Any Text WCAG AA ✓ Pass

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 0D8772 Background



This preview shows how black text looks on a background with the Hex color 0D8772.

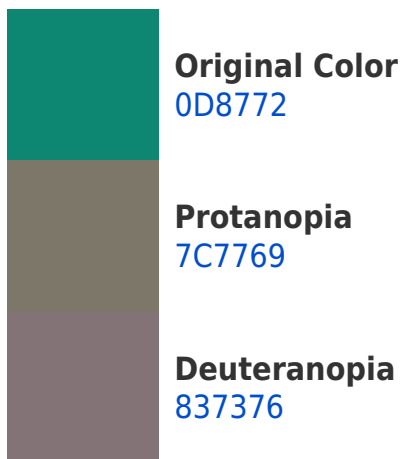


This preview shows how white text looks on a background with the Hex color 0D8772.

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
28838E

Trichromacy



Original Color
0D8772



Protanomaly
547D6C



Deuteranomaly
587A75



Tritanomaly
1E8484

Monochromacy



Original Color
0D8772



Achromatopsia
606060



Achromatomaly
426E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8772 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 #0D8772 looks like.

```
.text, #text, p{  
    color:#0D8772  
}
```

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 #0D8772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8772
}
```

Border

The CSS property to change the border of an element to Hex 0D8772 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
#0D8772 }
```

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

```
.border{ border-color:#0D8772 }
```

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

Here you see how a box with a 4 pixel #0D8772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8772; -webkit-box-shadow:4px 4px  
4px 4px #0D8772; box-shadow:4px 4px 4px  
4px #0D8772 }
```

Background

The CSS property to change the background color of an element to Hex 0D8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8772 }
```

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

```
.background{ background-color:#0D8772 }
```

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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