

Converting Colors

Hex(078774)

Have a look what the booklet for
Hex(078774) contains.

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Color

Hex(078774)

Conversions

Conversions Part 1

Format	Color
Hex	078774
RGB	7, 135, 116
RGB Percent	3%, 53%, 45%
CMY	0.9725, 0.4706, 0.5451
CMYK	0.95, 0.00, 0.14, 0.47
HSL	171°, 90%, 28%
HSV	171°, 95%, 53%
XYZ	11.9040, 18.6341, 19.4923
YIQ	94.5620, -70.1890, -33.0450

Conversions

Conversions Part 2

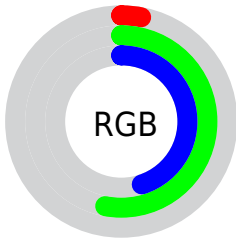
Format	Color
RYB	7, 76, 135
Decimal	493428
CIELab	50.26, -35.43, 1.52
CIElCh	50, 35.458, 177.550
Yxy	18.6341, 0.2379, 0.3725
Android (android.graphics.Color)	4278683508 (0xFF078774)
YUV	94.5620, 10.5689, -76.7919
Hunter-Lab	43.1672, -26.3186, 3.4444

Details

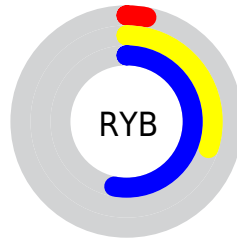
The Hex color **078774** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **87071A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **54BDA8**, and **005444** is the 20% darker color. If you saturate the color by 10%, you get **008773**, and if you desaturate by 10%, it is **158776**.

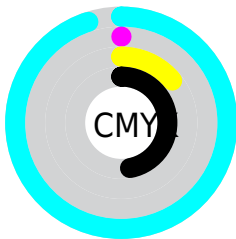
Distribution



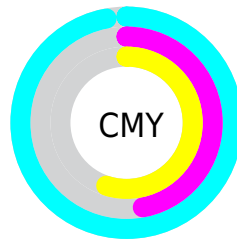
- Red (3%)
- Green (53%)
- Blue (45%)



- Red (3%)
- Yellow (30%)
- Blue (53%)



- Cyan (95%)
- Magenta (0%)
- Yellow (14%)
- Black (47%)



- Cyan (97%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 078774 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 078774 by changing the saturation by 10% instead.

 078774

 078774

FFFFFF

 006D5B

 54BDA8

 005444

 71D9C3

 003C2E

 8EF6DF

 002719

 ABFFFC

 000200

 C8FFFF

 000000

 E6FFFF

 078774

 078774

 008773

 158776

■ 228778

■ 30877A

■ 3D877C

■ 4B877E

■ 588780

■ 668782

■ 738784

■ 818786

Harmonies

Analogous

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



498456



078774



008793

Triad

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



078774



7671AD



A46A45

Complementary

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



078774



87071A

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.



B0615D



078774



9B6698

Square

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



078774



407BB4



AE5F7B



8C753A

Rectangle

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



078774



0085A3



AE5F7B



A9674C

Sweetspot

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



078774



7FB0A9



1A8707



3B5955



D9D9D9



595959

Same Dimension

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



078774



00B096



075A87



3C4241



00826F



000302

Inverse Universe

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



87071A



B0001A



873407



423C3D



820013



030000

Previews

White Background



This preview shows how the Hex color 078774 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

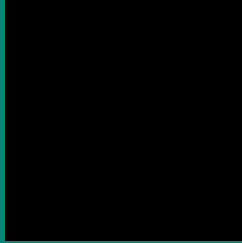
Any Text WCAG AA ✓ Pass

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 078774 Background



This preview shows how black text looks on a background with the Hex color 078774.

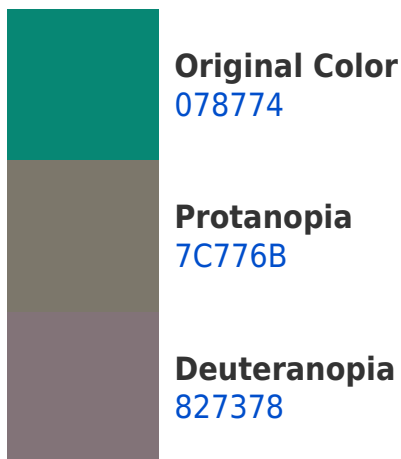


This preview shows how white text looks on a background with the Hex color 078774.

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
26838E

Trichromacy



Original Color
078774



Protanomaly
517D6E



Deuteranomaly
557A77



Tritanomaly
1B8485

Monochromacy



Original Color
078774



Achromatopsia
5F5F5F



Achromatomaly
3F6E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 078774 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 #078774 looks like.

```
.text, #text, p{  
    color:#078774  
}
```

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 #078774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078774
}
```

Border

The CSS property to change the border of an element to Hex 078774 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
#078774 }
```

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

```
.border{ border-color:#078774 }
```

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

Here you see how a box with a 4 pixel #078774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078774; -webkit-box-shadow:4px 4px  
4px 4px #078774; box-shadow:4px 4px 4px  
4px #078774 }
```

Background

The CSS property to change the background color of an element to Hex 078774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078774 }
```

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

```
.background{ background-color:#078774 }
```

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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