

# Converting Colors

Hex(078E4D)

Have a look what the booklet for  
Hex(078E4D) contains.

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**Color**

**Hex(078E4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	078E4D
RGB	7, 142, 77
RGB Percent	3%, 56%, 30%
CMY	0.9725, 0.4431, 0.6980
CMYK	0.95, 0.00, 0.46, 0.44
HSL	151°, 91%, 29%
HSV	151°, 95%, 56%
XYZ	11.1002, 19.9270, 10.2824
YIQ	94.2250, -59.5950, -48.8350

# Conversions

## Conversions Part 2

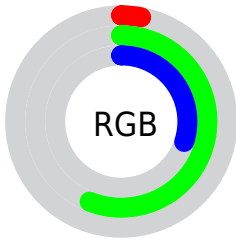
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 96, 142
Decimal	495181
CIELab	51.75, -47.65, 25.74
CIElCh	52, 54.155, 151.619
Yxy	19.9270, 0.2687, 0.4824
Android (android.graphics.Color)	4278685261 (0xFF078E4D)
YUV	94.2250, -8.4919, -76.4963
Hunter-Lab	44.6397, -33.7333, 17.5907

# Details

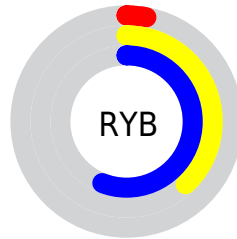
The Hex color **078E4D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8E0748**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55C57F**, and **005A1F** is the 20% darker color. If you saturate the color by 10%, you get **008E4A**, and if you desaturate by 10%, it is **158E54**.

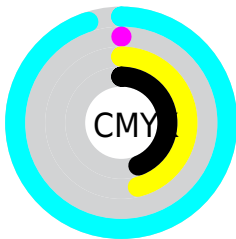
# Distribution



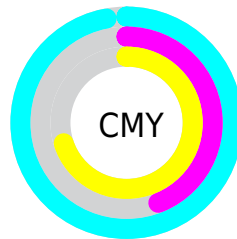
- Red (3%)
- Green (56%)
- Blue (30%)



- Red (3%)
- Yellow (38%)
- Blue (56%)



- Cyan (95%)
- Magenta (0%)
- Yellow (46%)
- Black (44%)



- Cyan (97%)
- Magenta (44%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 078E4D 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 078E4D by changing the saturation by 10% instead.



 078E4D

 078E4D

FFFFFF

 007435

 55C57F

 005A1F

 72E199

 004208

 8FFEB4

 002C00

 ACFFD0

 000C00

 C9FFEC

 000000

 E6FFFF

 078E4D

 078E4D

 008E4A

 158E54

 238E5B

 328E62

 408E68

 4E8E6F

 5C8E76

 6A8E7D

 798E84

 878E8B

# Harmonies

## Analogous

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



628724



078E4D



00917D

# Triad

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



078E4D



0080D8



CB564E

# Complementary

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



078E4D



8E0748

# 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.



CD4E7B



078E4D



7F6ECB

# Square

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



078E4D



008BCD



B55AA8



B56827

# Rectangle

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



078E4D



00919C



B55AA8



CF515C



# Sweetspot

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



078E4D



82B89E



488E07



3C5C4C



DBDBDB



5C5C5C



# Same Dimension

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



078E4D



00B85F



078C8E



404744



008746



000804



# Inverse Universe

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



8E0748



B80058



8E0907



474044



870041



080004



# Previews

## White Background



This preview shows how the Hex color 078E4D looks on a white background.

## Color Contrast Check

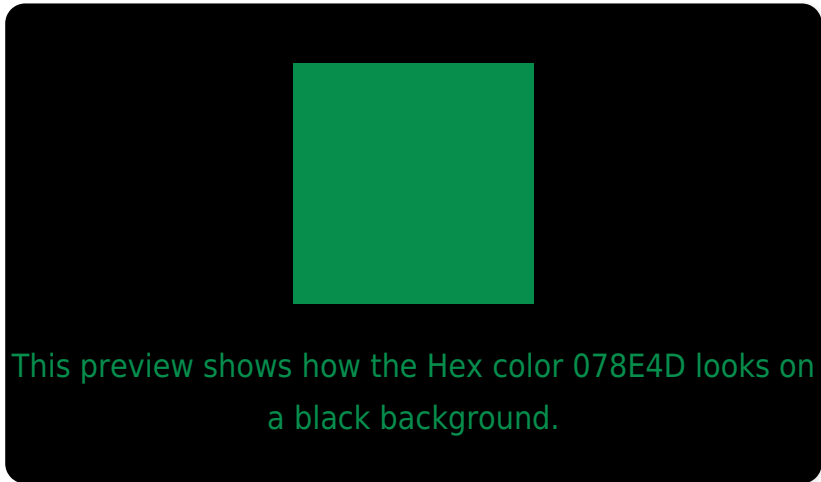
Large Text (above 18pt) WCAG AA ✓ Pass

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

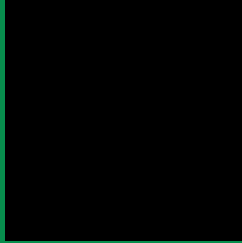
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 078E4D Background



This preview shows how black text looks on a background with the Hex color 078E4D.



This preview shows how white text looks on a background with the Hex color 078E4D.

# 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**  
078E4D

**Protanopia**  
877B46

**Deuteranopia**  
937553



**Tritanopia**  
368691

# Trichromacy



**Original Color**  
078E4D



**Protanomaly**  
588249



**Deuteranomaly**  
607E51



**Tritanomaly**  
258978

# Monochromacy



**Original Color**  
078E4D



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3E6F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 078E4D 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 #078E4D looks like.

```
.text, #text, p{  
    color:#078E4D  
}
```

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 #078E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078E4D
}
```

## Border

The CSS property to change the border of an element to Hex 078E4D 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
#078E4D }
```

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

```
.border{ border-color:#078E4D }
```

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

Here you see how a box with a 4 pixel #078E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078E4D; -webkit-box-shadow:4px 4px  
4px 4px #078E4D; box-shadow:4px 4px 4px  
4px #078E4D }
```

# Background

The CSS property to change the background color of an element to Hex 078E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078E4D }
```

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

```
.background{ background-color:#078E4D }
```

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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