

# Converting Colors

Hex(08783F)

Have a look what the booklet for  
Hex(08783F) contains.

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# Color

Hex(08783F)

# Conversions

## Conversions Part 1

Format	Color
Hex	08783F
RGB	8, 120, 63
RGB Percent	3%, 47%, 25%
CMY	0.9686, 0.5294, 0.7529
CMYK	0.93, 0.00, 0.47, 0.53
HSL	149°, 88%, 25%
HSV	149°, 93%, 47%
XYZ	7.7138, 13.8434, 6.9681
YIQ	80.0140, -48.4550, -41.4710

# Conversions

## Conversions Part 2

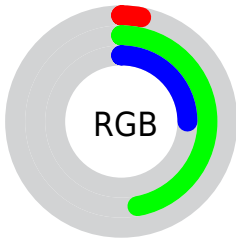
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 83, 120
Decimal	555071
CIELab	44.01, -42.18, 23.46
CIELCh	44, 48.263, 150.912
Yxy	13.8434, 0.2704, 0.4853
Android (android.graphics.Color)	4278745151 (0xFF08783F)
YUV	80.0140, -8.3879, -63.1563
Hunter-Lab	37.2068, -28.1048, 14.9409

# Details

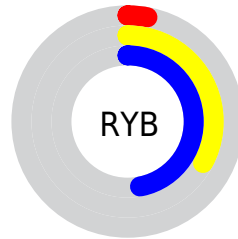
The Hex color **08783F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **780841**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EAD70**, and **004612** is the 20% darker color. If you saturate the color by 10%, you get **00783B**, and if you desaturate by 10%, it is **147845**.

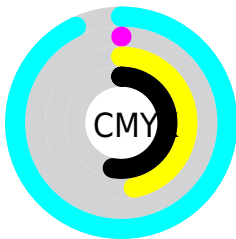
# Distribution



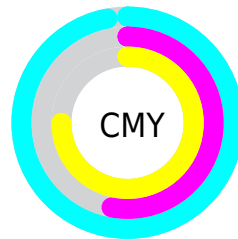
- Red (3%)
- Green (47%)
- Blue (25%)



- Red (3%)
- Yellow (33%)
- Blue (47%)



- Cyan (93%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (97%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08783F 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 08783F by changing the saturation by 10% instead.





08783F



08783F

FFFFFF



005F28



4EAD70



004612



6BC989



002F00



86E5A4



001700



A3FFBF



000000



BFFFDB



DCFFF8



FAFFFF



08783F



08783F

■ 00783B

■ 147845

■ 20784B

■ 2C7851

■ 387857

■ 44785E

■ 507864

■ 5C786A

■ 687870

■ 747876

# Harmonies

## Analogous

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



53721C



08783F



007B68

# Triad

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



08783F



006CB8



AD4741

# Complementary

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



08783F



780841

# 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.



AF4168



08783F



695DAD

# Square

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



08783F



0076AE



994B90



9A5720

# Rectangle

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



08783F



007B83



994B90



B0434E



# Sweetspot

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



08783F



709C85



427808



344F41



CFCFCF



4F4F4F



# Same Dimension

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



08783F



009C4C



087876



373D3A



007D3D



00FC7C



# Inverse Universe

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



780841



9C004F



78080A



3D373A



7D0040



FC0080



# Previews

## White Background



This preview shows how the Hex color 08783F looks on a white background.

## Color Contrast Check

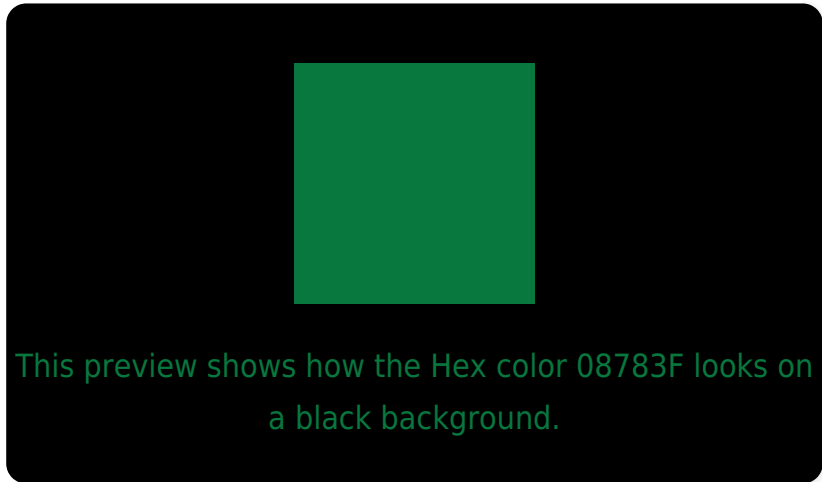
Large Text (above 18pt) WCAG AA ✓ Pass

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 08783F Background



This preview shows how black text looks on a background with the Hex color 08783F.



This preview shows how white text looks on a background with the Hex color 08783F.

# 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**  
08783F

**Protanopia**  
726839

**Deuteranopia**  
7C6344



**Tritanopia**  
2E717B

# Trichromacy



**Original Color**  
08783F



**Protanomaly**  
4B6E3B



**Deuteranomaly**  
526B42



**Tritanomaly**  
207465

# Monochromacy



**Original Color**  
08783F



**Achromatopsia**  
505050



**Achromatomaly**  
365F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08783F 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 #08783F looks like.

```
.text, #text, p{  
    color:#08783F  
}
```

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 #08783F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08783F
}
```

## Border

The CSS property to change the border of an element to Hex 08783F 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
#08783F }
```

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

```
.border{ border-color:#08783F }
```

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

Here you see how a box with a 4 pixel #08783F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08783F; -webkit-box-shadow:4px 4px  
4px 4px #08783F; box-shadow:4px 4px 4px  
4px #08783F }
```

# Background

The CSS property to change the background color of an element to Hex 08783F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08783F }
```

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

```
.background{ background-color:#08783F }
```

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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