

# Converting Colors

Hex(0E8744)

Have a look what the booklet for  
Hex(0E8744) contains.

<b>Hex(0E8744)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0E8744)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E8744
RGB	14, 135, 68
RGB Percent	5%, 53%, 27%
CMY	0.9451, 0.4706, 0.7333
CMYK	0.90, 0.00, 0.50, 0.47
HSL	147°, 81%, 29%
HSV	147°, 90%, 53%
XYZ	9.8885, 17.8387, 8.3909
YIQ	91.1830, -50.6090, -46.4890

# Conversions

## Conversions Part 2

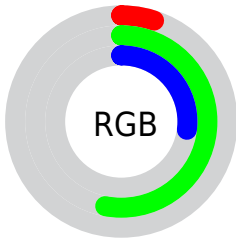
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 98, 135
Decimal	952132
CIELab	49.30, -46.30, 27.48
CIElCh	49, 53.842, 149.315
Yxy	17.8387, 0.2738, 0.4939
Android (android.graphics.Color)	4279142212 (0xFF0E8744)
YUV	91.1830, -11.4292, -67.6895
Hunter-Lab	42.2358, -32.1214, 17.7861

# Details

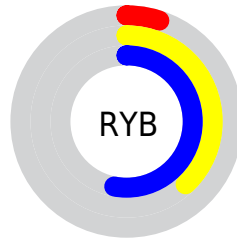
The Hex color **0E8744** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **870E51**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **55BD75**, and **005416** is the 20% darker color. If you saturate the color by 10%, you get **01873D**, and if you desaturate by 10%, it is **1C874B**.

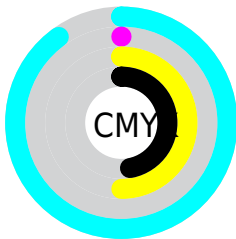
# Distribution



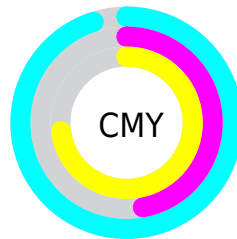
- Red (5%)
- Green (53%)
- Blue (27%)



- Red (5%)
- Yellow (38%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8744 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 0E8744 by changing the saturation by 10% instead.



 0E8744

 0E8744

FFFFFF

 006D2D

 55BD75

 005416

 72DA8F

 003B00

 8EF6AA

 002600

 ABFFC6

 000000

 C7FFE2

 E5FFFF

 0E8744

 0E8744

 01873D

 1C874B

■ 00873C

■ 298753

■ 37875A

■ 448762

■ 528769

■ 5F8771

■ 6D8778

■ 7A8780

■ 888787

# Harmonies

## Analogous

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



5F7F1C



0E8744



008A73

# Triad

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



0E8744



007BD1



C44F4B

# Complementary

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



0E8744



870E51

# 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.



C54878



0E8744



7269C5

# Square

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



0E8744



0086C3



AB55A5



B06124

# Rectangle

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



0E8744



008B92



AB55A5



C74A5A



# Sweetspot

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



0E8744



80B096



53870E



3D5949



D9D9D9



595959



# Same Dimension

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



0E8744



00B04F



0E877F



3C423F



00823A



000301



# Inverse Universe

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



870E51



B00061



870E16



423C3F



820048



030001



# Previews

## White Background



This preview shows how the Hex color 0E8744 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 ✓ 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 0E8744 Background



This preview shows how black text looks on a background with the Hex color 0E8744.

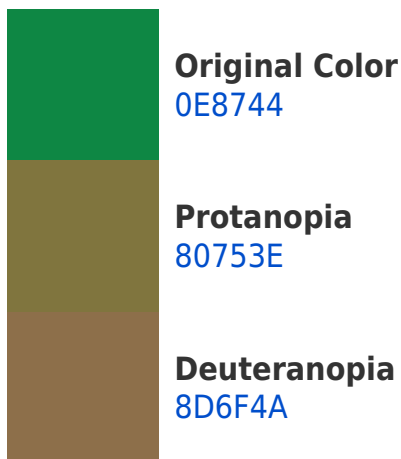


This preview shows how white text looks on a background with the Hex color 0E8744.

# 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**  
357F8A

# Trichromacy



**Original Color**  
0E8744



**Protanomaly**  
577C40



**Deuteranomaly**  
5F7848



**Tritanomaly**  
278271

# Monochromacy



**Original Color**  
0E8744



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
3F6B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8744 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 #0E8744 looks like.

```
.text, #text, p{  
    color:#0E8744  
}
```

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 #0E8744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8744  
}
```

## Border

The CSS property to change the border of an element to Hex 0E8744 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  
#0E8744 }
```

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

```
.border{ border-color:#0E8744 }
```

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

Here you see how a box with a 4 pixel #0E8744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8744; -webkit-box-shadow:4px 4px  
4px 4px #0E8744; box-shadow:4px 4px 4px  
4px #0E8744 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8744 }
```

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

```
.background{ background-color:#0E8744 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor