

# Converting Colors

Hex(0E8261)

Have a look what the booklet for  
Hex(0E8261) contains.

|  |    |
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# Color

**Hex(0E8261)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 0E8261                      |
| RGB           | 14, 130, 97                 |
| RGB Percent   | 5%, 51%, 38%                |
| CMY           | 0.9451, 0.4902, 0.6196      |
| CMYK          | 0.89, 0.00, 0.25, 0.49      |
| HSL           | 163°, 81%, 28%              |
| HSV           | 163°, 89%, 51%              |
| XYZ           | 10.3214, 16.9217, 14.0315   |
| YIQ           | 91.5540, -58.5430, -34.8550 |

# Conversions

## Conversions Part 2

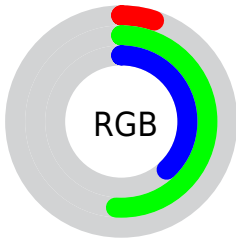
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 14, 82, 130                  |
| Decimal                             | 950881                       |
| CIE Lab                             | 48.16, -38.01, 9.60          |
| CIE LCh                             | 48, 39.206, 165.824          |
| Yxy                                 | 16.9217, 0.2501,<br>0.4100   |
| Android<br>(android.graphics.Color) | 4279140961<br>(0xFF0E8261)   |
| YUV                                 | 91.5540, 2.6849,<br>-68.0149 |
| Hunter-Lab                          | 41.1360, -27.2007,<br>8.5714 |

# Details

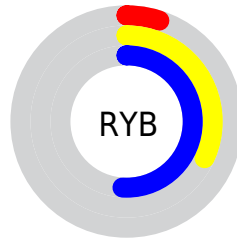
The Hex color **0E8261** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **820E2F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **54B894**, and **004F33** is the 20% darker color. If you saturate the color by 10%, you get **01825D**, and if you desaturate by 10%, it is **1B8265**.

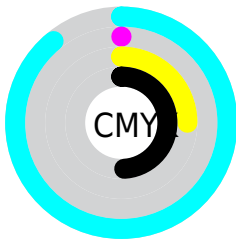
# Distribution



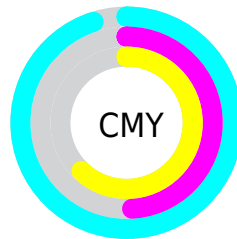
- Red (5%)
- Green (51%)
- Blue (38%)



- Red (5%)
- Yellow (32%)
- Blue (51%)



- Cyan (89%)
- Magenta (0%)
- Yellow (25%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8261 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 0E8261 by changing the saturation by 10% instead.



 0E8261

 0E8261

FFFFFF

 006849


 54B894

 004F33

 70D4AE

 00381D

 8CF0CA

 002305

 A9FFE6

 000000

 C6FFFF

 E3FFFF

 0E8261

 0E8261

 01825D

 1B8265

■ 00825D

■ 288268

■ 35826C

■ 428270

■ 4F8273

■ 5C8277

■ 69827B

■ 76827F

■ 838282

# Harmonies

## Analogous

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



4F7E42



0E8261



008383

# Triad

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



0E8261



5A70B2



A85F44

# Complementary

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



0E8261



820E2F

# 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.



B15762



0E8261



8B63A1

# Square

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



0E8261



007AB2



A75883



936B31

# Rectangle

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



0E8261



008298



A75883



AD5B4D



# Sweetspot

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



0E8261



7BA89B



31820E



39544C



D4D4D4



545454



# Same Dimension

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



0E8261



00A878



0E6B82



39403E



00805B



000000



# Inverse Universe

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



820E2F



A80030



82250E



40393B



800024



000000



# Previews

## White Background



This preview shows how the Hex color 0E8261 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

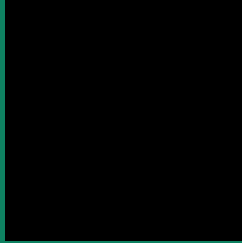
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E8261 Background



This preview shows how black text looks on a background with the Hex color 0E8261.



This preview shows how white text looks on a background with the Hex color 0E8261.

# 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**  
0E8261

**Protanopia**  
797259

**Deuteranopia**  
816E66



**Tritanopia**  
2B7D87

# Trichromacy



**Original Color**  
0E8261



**Protanomaly**  
52785C



**Deuteranomaly**  
577564



**Tritanomaly**  
207F79

# Monochromacy



**Original Color**  
0E8261



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
406A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8261 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 #0E8261 looks like.

```
.text, #text, p{  
    color:#0E8261  
}
```

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 #0E8261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8261
}
```

## Border

The CSS property to change the border of an element to Hex 0E8261 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
#0E8261 }
```

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

```
.border{ border-color:#0E8261 }
```

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

Here you see how a box with a 4 pixel #0E8261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8261; -webkit-box-shadow:4px 4px  
4px 4px #0E8261; box-shadow:4px 4px 4px  
4px #0E8261 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8261 }
```

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

```
.background{ background-color:#0E8261 }
```

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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