

# Converting Colors

Hex(008262)

Have a look what the booklet for  
Hex(008262) contains.

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**Color**

**Hex(008262)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 008262                      |
| RGB           | 0, 130, 98                  |
| RGB Percent   | 0%, 51%, 38%                |
| CMY           | 1.0000, 0.4902, 0.6157      |
| CMYK          | 1.00, 0.00, 0.25, 0.49      |
| HSL           | 165°, 100%, 25%             |
| HSV           | 165°, 100%, 51%             |
| XYZ           | 10.1872, 16.8471, 14.2702   |
| YIQ           | 87.4820, -67.2080, -37.5120 |

# Conversions

## Conversions Part 2

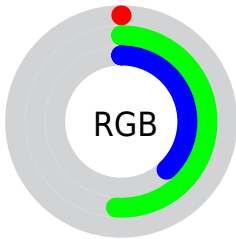
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 0, 74, 130                   |
| Decimal                             | 33378                        |
| CIELab                              | 48.07, -38.64, 8.87          |
| CIELCh                              | 48, 39.648, 167.073          |
| Yxy                                 | 16.8471, 0.2466,<br>0.4079   |
| Android<br>(android.graphics.Color) | 4278223458<br>(0xFF008262)   |
| YUV                                 | 87.4820, 5.1854,<br>-76.7217 |
| Hunter-Lab                          | 41.0452, -27.5263,<br>8.1183 |

# Details

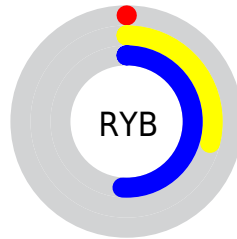
The Hex color **008262** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **820020**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B895**, and **004F34** is the 20% darker color. If you saturate the color by 10%, you get **008262**, and if you desaturate by 10%, it is **0D8265**.

# Distribution



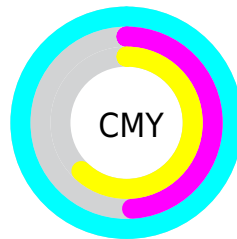
- Red (0%)
- Green (51%)
- Blue (38%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008262 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 008262 by changing the saturation by 10% instead.



 008262

 008262

FFFFFF

 00684A

 50B895

 004F34

 6DD4AF

 00381E

 89F0CB

 002306

 A6FFE7

 000000

 C3FFFF

 E0FFFF

FEFFFF

 008262

 0D8265

 1A8268

 27826C

 34826F

 418272

 4E8275

 5B8278

 68827C

 75827F

# Harmonies

## Analogous

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



4D7E43



008262



008385

# Triad

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



008262



5C6FB2



A85F42

# Complementary

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



008262



820020

# 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.



B15660



008262



8D62A0

# Square

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



008262



007AB3



A95782



926B2F

# Rectangle

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



008262



008299



A95782



AD5B4B



# Sweetspot

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



008262



76A89C



218200



36544D



D4D4D4



545454



# Same Dimension

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



008262



00A87F



006282



39403E



008060



000000



# Inverse Universe

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



820020



A80029



822100



40393B



80001F



000000



# Previews

## White Background



This preview shows how the Hex color 008262 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 008262 Background



This preview shows how black text looks on a background with the Hex color 008262.

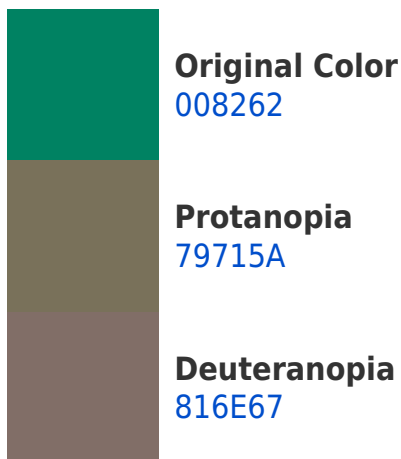


This preview shows how white text looks on a background with the Hex color 008262.

# 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**  
297D87

# Trichromacy



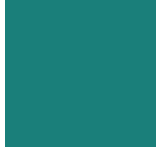
**Original Color**  
008262



**Protanomaly**  
4D775D



**Deuteranomaly**  
527565



**Tritanomaly**  
1A7F7A

# Monochromacy



**Original Color**  
008262



**Achromatopsia**  
575757



**Achromatomaly**  
37675B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008262 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 #008262 looks like.

```
.text, #text, p{  
    color:#008262  
}
```

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 #008262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008262
}
```

## Border

The CSS property to change the border of an element to Hex 008262 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
#008262 }
```

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

```
.border{ border-color:#008262 }
```

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

Here you see how a box with a 4 pixel #008262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008262; -webkit-box-shadow:4px 4px  
4px 4px #008262; box-shadow:4px 4px 4px  
4px #008262 }
```

# Background

The CSS property to change the background color of an element to Hex 008262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008262 }
```

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

```
.background{ background-color:#008262 }
```

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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