

# Converting Colors

Hex(008762)

Have a look what the booklet for  
Hex(008762) contains.

<b>Hex(008762)</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(008762)

# Conversions

## Conversions Part 1

Format	Color
Hex	008762
RGB	0, 135, 98
RGB Percent	0%, 53%, 38%
CMY	1.0000, 0.4706, 0.6157
CMYK	1.00, 0.00, 0.27, 0.47
HSL	164°, 100%, 26%
HSV	164°, 100%, 53%
XYZ	10.8686, 18.2098, 14.4973
YIQ	90.4170, -68.5830, -40.1270

# Conversions

## Conversions Part 2

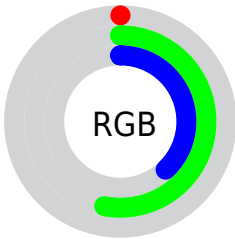
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 135
Decimal	34658
CIELab	49.75, -40.72, 11.23
CIELCh	50, 42.237, 164.574
Yxy	18.2098, 0.2494, 0.4179
Android (android.graphics.Color)	4278224738 (0xFF008762)
YUV	90.4170, 3.7384, -79.2957
Hunter-Lab	42.6729, -29.2146, 9.7284

# Details

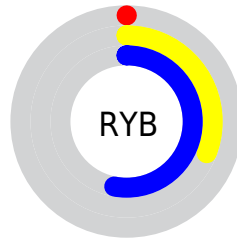
The Hex color **008762** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **870025**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51BD95**, and **005433** is the 20% darker color. If you saturate the color by 10%, you get **008762**, and if you desaturate by 10%, it is **0D8766**.

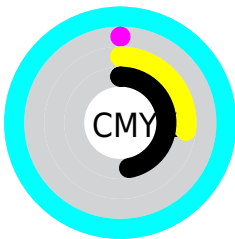
# Distribution



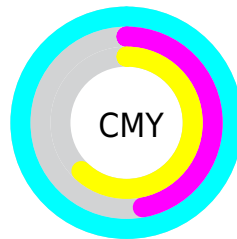
- Red (0%)
- Green (53%)
- Blue (38%)



- Red (0%)
- Yellow (31%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008762 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 008762 by changing the saturation by 10% instead.



 008762

 008762

FFFFFF

 006D4A

 51BD95

 005433

 6ED9AF

 003C1E

 8BF6CB

 002706

 A8FFE7

 000000

 C5FFFF

 E2FFFF

 008762


 0D8766

 1B8769

 29876D

 368771

 448774

 518778

 5E877C

 6C8780

 7A8783

# Harmonies

## Analogous

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



528241



008762



008887

# Triad

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



008762



5874BC



B16045

# Complementary

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



008762



870025

# 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.



B95866



008762



8F66AA

# Square

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



008762



007FBB



AF5A8A



9A6E2F

# Rectangle

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



008762



00879E



AF5A8A



B65D50



# Sweetspot

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



008762



7BB0A1



268700



395950



D9D9D9



595959



# Same Dimension

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



008762



00B080



006A87



3C4240



00825E



000302



# Inverse Universe

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



870025



B00030



871D00



423C3D



820024



030001



# Previews

## White Background



This preview shows how the Hex color 008762 looks on a white background.

## Color Contrast Check

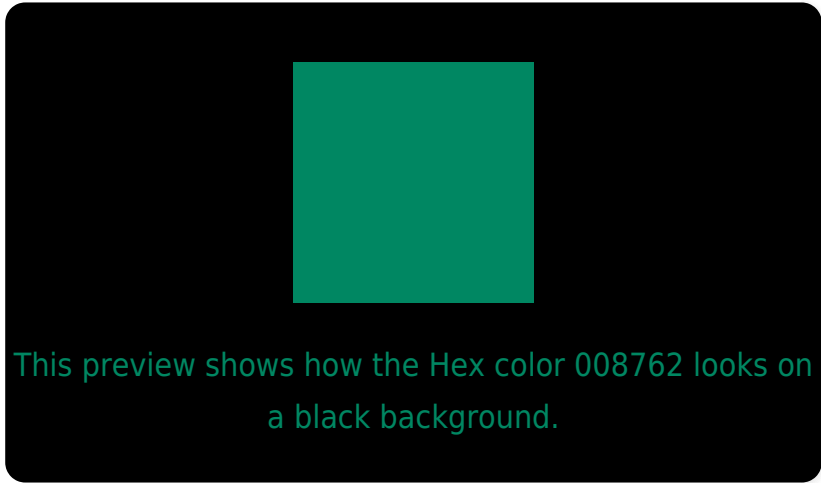
Large Text (above 18pt) WCAG AA ✓ Pass

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 008762 Background



This preview shows how black text looks on a background with the Hex color 008762.



This preview shows how white text looks on a background with the Hex color 008762.

# 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**  
008762

**Protanopia**  
7E765A

**Deuteranopia**  
877167



**Tritanopia**  
2C828C

# Trichromacy



**Original Color**  
008762



**Protanomaly**  
507C5D



**Deuteranomaly**  
567965



**Tritanomaly**  
1C847D

# Monochromacy



**Original Color**  
008762



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396A5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008762 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 #008762 looks like.

```
.text, #text, p{  
    color:#008762  
}
```

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 #008762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008762
}
```

## Border

The CSS property to change the border of an element to Hex 008762 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
#008762 }
```

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

```
.border{ border-color:#008762 }
```

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

Here you see how a box with a 4 pixel #008762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008762; -webkit-box-shadow:4px 4px  
4px 4px #008762; box-shadow:4px 4px 4px  
4px #008762 }
```

# Background

The CSS property to change the background color of an element to Hex 008762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008762 }
```

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

```
.background{ background-color:#008762 }
```

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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